

~~B R - G~~
~~Ref~~

Spec. Coll.
Ref

Z

6035

.G464

1881

HARVARD UNIVERSITY



LIBRARY

OF THE

Museum of Comparative Zoölogy



GEOLOGICAL SOCIETY,
Burlington House, London, W.

March, 1881.

THE Council of the Geological Society of London beg to present to your Library a copy of the lately issued 'Catalogue of the Library of the Geological Society,' containing the titles of all works received up to the end of June 1880. In requesting your acceptance of this volume, the Council desire to call attention to the existence of numerous deficiencies in the Society's series of various works, especially of the publications of Learned Societies and Public Institutions. The Council will be greatly obliged to the authorities of any of these Societies or Institutions who will kindly aid in filling up the deficiencies in question.



CATALOGUE

UNIVERSITY
LIBRARY

OF

THE LIBRARY

OF THE

- Library
GEOLOGICAL SOCIETY OF LONDON. *Eng.* -

COMPILED,

UNDER THE DIRECTION OF THE ASSISTANT SECRETARY,

BY

JAMES DALLAS,

LATE ASSISTANT IN THE LIBRARY OF THE SOCIETY.

LIBRARY
MUS. COMP. ZOOLOGY,
— CAMBRIDGE, MASS.

© PRINTED BY TAYLOR AND FRANCIS,
FOR THE GEOLOGICAL SOCIETY, BURLINGTON HOUSE,
LONDON, 1881.

HARVARD
UNIVERSITY
LIBRARY

April 16,

Gift of
The Society.



PRINTED BY TAYLOR AND FRANCIS,
RED LION COURT, FLEET STREET.

MUS. COMP. ZOOL.
LIBRARY
OCT 3 1956
HARVARD
UNIVERSITY

NOTICE.

THIS Catalogue being intended to contain all books received into the Society's Library up to the end of June 1880, it is hoped that errors and omissions will not prove numerous, although some such defects are perhaps unavoidable in a Catalogue prepared without stopping the circulation of books among the Fellows. The Catalogue is arranged alphabetically throughout; and periodical publications of all sorts (except some issued by Surveys) have been placed as "Serials" under the letter S, and arranged in the alphabetical order of their places of publication. To facilitate reference, an index to these publications has been appended to the Catalogue. Names of authors with the prefix "De" or "Von," or with the equivalent prefixes in other languages, have been arranged according to the initial letter of the name following the prefix; but when these prefixes are followed by an article, both are considered as forming part of the author's name. In most cases where doubt was possible an endeavour has been made to remove the difficulties by means of cross-references.

Geological Society, Burlington House,
27th January, 1881.

LIST
OF
BOOKS NOT ALLOWED TO CIRCULATE.

- Agassiz.** Nomenclator Zoologicus. 4 vols.
Brongniart. Végétaux fossiles. 3 vols.
Cotta. Gesteinslehre.
Dana. System of Mineralogy. Ed. 1868.
Dictionaries.
Fitton. Articles from the 'Edinburgh Review.'
Geinitz. Versteinerungen der Steinkohlenformation in Sachsen.
——. Geognostische Darstellung der Steinkohlenformation in Sachsen.
Hutton. Geological MSS.
Jukes. Manual of Geology. Geikie's ed., 1872.
Lindley and Hutton. Fossil Flora. 3 vols.
Macgillivray. Natural History of Dee Side and Braemar.
Mackenzie. The Architectural Antiquities of the Chapel of St. Stephen.
Morris. Catalogue of British Fossils.
Naumann. Mineralogie.
Nicholson. Manual of Palæontology. 2 vols., 1879.
Oldham. Irawadee.
d'Orbigny. Paléontologie Française.
Pascoe. Zoological Classification. 2nd edition, 1880.
Phillips. Mineralogy. 4th ed.
Pictet and Roux. Mollusques fossiles des Grès Verts.
Royal Society. Catalogue of the Library.
——. Catalogue of Scientific Papers.
Senft. Felsarten.
Tchihatcheff. Altaï oriental.
Von Meyer. Saurier. 6 vols.

CATALOGUE

OF

THE LIBRARY

OF THE

GEOLOGICAL SOCIETY OF LONDON

A.

- A * * *** (J., M.D.). An examination of Dr. Woodward's account of the Deluge, etc.; with a Letter to the Author concerning an abstract of Agostino Scilla's Book on the same subject, by W. W., F.R.S. (Tract.) 8vo. *London*, 1697.
- Abbadie** (Antoine Thomson d'). Note sur le Haut Fleuve Blanc. (Tract.) 8vo. *Paris*, 1849.
- Abbot** (H. L.). See HUMPHREYS, A. A.
- Abbott** (Francis). Results of Five Years' Meteorological Observations for Hobart Town; with which are incorporated the results of Twenty-five Years' Observations previously published by the Royal Society of Tasmania, and completing a period of Thirty years. (Tract.) 4to. *Hobart Town*, 1872.
- . See SERIALS, etc.: HOBART TOWN. Royal Society of Tasmania.
- Abel** (Clarke). Narrative of a journey in the interior of China, and of a voyage to and from that country in the years 1816–17. 4to. *London*, 1819.
- Abert** (J. W.). Journal from Bent's fort to St. Louis, in 1845. (Tract.) 8vo. *Washington*, 1846.
- Abich** (Hermann). Vues Illustratives de Phénomènes Géologiques observés sur le Vésuve et l'Etna, pendant les Années 1833 et 1834. Fol. *Berlin*, 1837.
- . Ueber die Natur und den Zusammenhang der vulkanischen Bildungen. 4to. *Brunswick*, 1841.
- . Ueber die Soda der Araxes-Ebene in Armenien. (Tract.) 8vo. *St. Petersburg*, 1850.
- . Verzeichniss einer Sammlung von Versteinerungen von Daghestan, mit Erläuterungen. 8vo. *Berlin*, 1851.
- . Vergleichende chemische Untersuchungen der Wasser des caspischen Meeres, Urmia- und Van-See's. (Tract.) 4to. *St. Petersburg*, 1856.

Abich (Hermann). Ueber die neue geologische Karte von Europa von André Dumont, Paris et Liége 1857. (Tract.) 2 copies.

8vo. *St. Petersburg*, 1857.

——. Ueber die Erscheinung brennenden Gases im Krater des Vesuv im Juli 1857, und die periodischen Veränderungen welche derselbe erleidet. (Tract.) 2 copies.

8vo. *St. Petersburg*, 1858.

——. Vergleichende geologische Grundzüge der kaukasischen, armenischen und nordpersischen Gebirge. Prodomus einer Geologie der kaukasischen Länder.

4to. *St. Petersburg*, 1858.

——. Beiträge zur Paläontologie des asiatischen Russlands.

4to. *St. Petersburg*, 1858.

——. Sur la Structure et la Géologie du Daghestan. (Tract.)

4to. *St. Petersburg*, 1862.

——. Ueber eine im caspischen Meere erschienene Insel, nebst Beiträgen zur Kenntniss der Schlammvulkane der caspischen Region.

4to. *St. Petersburg, Riga, and Leipzig*, 1863.

——. Aperçu de mes voyages en Transcaucasie en 1864. (Tract.)

8vo. *Moscow*, 1865.

——. Beiträge zur geologischen Kenntniss der Thermalquellen in den kaukasischen Ländern. (Tract.)

4to. *Tiflis*, 1865.

——. Einleitende Grundzüge der Geologie der Halbinseln Kertsch und Taman.

4to. *St. Petersburg, Riga, and Leipzig*, 1865.

——. Zur Geologie des südöstlichen Kaukasus. Bemerkungen von meinen Reisen im Jahre 1865. (Tract.)

8vo. *St. Petersburg*, 1866.

——. Geologische Beobachtungen auf Reisen in den Gebirgsländern zwischen Kur und Araxes. 2 copies.

4to. *Tiflis*, 1867.

——. Hailstones in Russian Georgia. (Tract.)

8vo. *London*, 1869.

——. On Fulgurites in the Andesite of the Lesser Ararat, etc. (Tract.)

8vo. *London*, 1869.

——. Der Ararat in genetischen Beziehung betrachtet. (Tract.)

8vo. *Berlin*, 1870.

——. Etudes sur les glaciers actuels et anciens du Caucase. 1^{re} partie. (Tracts). 2 copies.

8vo. *Tiflis*, 1870.

——. Bemerkungen über die Geröll- und Trümmerablagerungen aus der Gletscherzeit im Kaukasus. (Tract.)

8vo. *St. Petersburg*, 1871.

——. Geologische Forschungen in den kaukasischen Ländern, 1. Theil. Eine Bergkalkfauna aus der Araxesenge bei Djoulfa in Armenien. (Tract.)

4to. *Vienna*, 1878.

——. Ueber die Productivität und die geotektonischen Verhältnisse der caspischen Naphtaregion. (Tract.)

8vo. *Vienna*, 1879.

Abildgaard (Sören). Beschreibung von Stevens Klint und dessen natürlichen Merkwürdigkeiten, etc.

8vo. *Copenhagen and Leipzig*, 1764.

——. Physikalisch-mineralogische Beschreibung des Vorgebirges auf der Insel Möen. (Tract.)

8vo. *Copenhagen*, 1783.

Abreu (José Maria d'). Biographia do excellentissimo senhor Agostinho José Pinto de Almeida. (Tract.)

4to. *Coimbra*, 1848.

Academies. See SERIAL AND ACADEMICAL PUBLICATIONS.

Accum (Frederick). A Practical Essay on the Analysis of Minerals.

8vo. *London*, 1804.

——. Elements of Crystallography.

8vo. *London*, 1813.

- Accum** (Frederick). A practical treatise on Gas-light. 8vo. *London*, 1815.
- Acerbi** (Giuseppe). Quadro della Letteratura e delle Arti d'Italia nell' anno 1820. (Proemio nel Volume xxi. della *Biblioteca Italiana*.) 8vo. *Milan*, 1821.
- Acheson** (F.). See **VICTORIA**.
- Achiardi** (Antonio d'). D'alcune caverne e brecce ossifere dei Monti Pisani. (Tract.) 8vo. *Pisa*, 1867.
- . Studio comparativo fra i Coralli dei terreni terziari del Piemonte e dell' Alpi Venete. (Tract.) 4to. *Pisa*, 1868.
- . Sopra alcuni minerali dell' Elba. (Tract.) 8vo. *Pisa*, 1870.
- . Sopra alcuni minerali e rocce del Peru. (Tract.) 8vo. *Pisa*, 1870.
- . Mineralogia della Toscana. 2 vols. 8vo. *Pisa*, 1872.
- . Paragone della Montagnola Senese con gli altri monti della catena metallifera della Toscana.—Sulla probabile esistenza di avanzi di antichissime industrie umane nella così detta Gialla di Siena. (Tract.) 8vo. *Florence*, 1872.
- . Sulle ghiaie delle colline pisane e sulla provenienza loro, e delle sabbie che insieme costituiscono la parte superiore dei terreni pliocenici della Toscana. (Tract.) 8vo. *Florence*, 1872.
- . Sulla conversione di una roccia argillosa in serpentino. (Tract.) 8vo. *Rome*, 1874.
- . Sulle Calcarie lenticolare e grossolana di Toscana. (Tract.) 8vo. *Rome*, 1874.
- . Coralli eocenici del Friuli. 8vo. *Pisa*, 1875.
- . Minerali Toscani. Ematite, Baritina, Farmacosiderite, Preenite, Epidoto, Sperchise. (Tract.) 8vo. *Pisa*, 1877.
- . Miniere di Mercurio in Toscana, e considerazioni generali sulla genesi loro. (Tract.) 8vo. *Pisa*, 1877.
- . Sulla Calcite della Punta alle Mele fra Ilario e S. Piero nell' isola d'Elba. (Tract.) 8vo. *Pisa*, 1878.
- . Sull' origine dell' acido borico e dei borati. (Tract.) 8vo. *Pisa*, 1878.
- Adam** (Walter). On the Osteological Symmetry of the Camel. (Tract.) 4to. *London*, 1832.
- Adam** (William). The Gem of the Peak; or Matlock Bath and its vicinity, etc. (pp. 6-17 and 55-57, containing Geological Character, Climate and Waters, Natural Curiosities, etc.) (Tract.) 12mo. *London*, 1845.
- Adams** (Andrew Leith). Outline of the Geology of the Maltese Islands; and description of the Brachiopoda by Thomas Davidson. (Tract.) 2 copies. 8vo. *London*, 1864.
- . Concluding Report on the Maltese Fossil Elephants. (Tract.) 8vo. *London*, 1873.
- . Notes of a Naturalist in the Nile Valley and Malta. 8vo. *Edinburgh*, 1870.
- . On the Dentition and Osteology of the Maltese Elephants. 4to. *London*, 1874.
- . On a Fossil Saurian Vertebra (*Arctosaurus Osborni*), from the Arctic Regions. (Tract.) 8vo. *Dublin*, 1875.
- . Report on the Exploration of Shandon Cave. (Tract.) 4to. *Dublin*, 1876.

- Adams** (Andrew Leith). Monograph on the British Fossil Elephants. (Palæontographical Society.) 4to. *London*, 1877, etc.
- . Report on the History of Irish Fossil Mammals. (Abridgment.) (Tract.) 8vo. *Dublin*, 1878.
- . On the Recent and Extinct Irish Mammals. (Tract.) 8vo. *Dublin*, 1873.
- Adams** (Arthur). See SAMARANG EXPEDITION.
- Adams** (Charles B.), Biographical Notice. See BLAND, THOMAS.
- . Synopsis Conchyliorum Jamaicensium, etc. (Tract.) 8vo. *Boston*, 1845.
- . Monograph of *Stoastoma*, a new genus of Operculated Land Shells. (Tract.) 4to. *Amherst, Mass.*, 1849.
- . Monograph of *Vitrinella*, a new genus of new species of Turbinidæ. (Tract.) 2 copies. 4to. *Amherst, Mass.*, 1850.
- . Contributions to Conchology, Nos. 1–11. 8vo. *Amherst and Washington*, 1849–53.
- . Catalogue of Shells collected at Panama, with notes on their synonymy, station, and geographical distribution. 8vo. *New York*, 1852.
- . See GRAY (Alonzo), RED RIVER, and SURVEYS: VERMONT.
- Adams** (James J.). A New Operation for the Cure of Amaurosis, Impaired Vision, and Shortsightedness. (Tract.) 8vo. *London*, 1841.
- Adams** (John). Descriptive sketch of St. Paul's Island, at the entrance of the Gulf of St. Lawrence. (Tract.) 8vo. *Quebec*, 1837.
- Adams** (W.). On the Geological Features of the South-Wales Coal-field. (Tract.) 8vo. *London*, 1871.
- Adams-Reilly** (A.). See REILLY (A. Adams-).
- Adet** (P. A.). See GUYTON DE MORVEAU (L.B.).
- Adhémar** (J.). Révolutions de la Mer.—Déluges périodiques. 2^e édit. Text and Atlas. 8vo. *Paris*, 1860.
- Admiralty Publications**. Catalogue of Charts, Plans, Views, and Sailing directions, constructed under the orders of the Lords Commissioners of the Admiralty, for the use of His Majesty's Navy. 2 copies. 8vo. *London*, 1832.
- * * One copy with MS. additions and references to the Society's collection of Charts.
- . ———. 8vo. *London*, 1839.
- . ———. 8vo. *London*, 1849.
- . ———. 8vo. *London*, 1852.
- . ———. 8vo. *London*, 1855.
- . Manual of Scientific Enquiry. See HERSHEY (Sir John F. W.).
- . Catalogue of the Books in the Library. 8vo. *London*, 1858.
- . ———. By Richard Thorburn. 4to. *London*, 1875.
- . The Nautical Almanac and Astronomical Ephemeris for the years 1834 and 1835. 2 vols. 8vo. *London*, 1833–34.
- . A Treatise on Nautical Surveying; containing an outline of the duties of the Naval Surveyor. By Edward Belcher. 8vo. *London*, 1835.
- . Practical Rules for ascertaining the Deviations of the Compass caused by the iron in a ship. (Tract.) 8vo. *London*, 1852.
- . ———. Another edition. 8vo. *London*, 1855.

- Admiralty Publications.** A Table for finding the Latitude from the altitude of the Pole Star, observed at any hour in the Northern Hemisphere. By W. Salmon. (Tract.) 8vo. *London*, 1850.
- Tables for the Reduction of Ex-meridian Altitudes. By J. T. Towson. (Tract.) 8vo. *London*, 1849.
- Remarks on Revolving Storms. (Tract.) 8vo. *London*, 1851.
-
- AFRICA. Memoir on the Navigation of the Western Coast of Africa, from Cape Bojador to Mount Souzos. From the observations of Baron Roussin in the years 1817 and 1818. Translated from the French by James Badgeley. 4to. *London*, 1827.
- AMERICA (NORTH). St.-Lawrence Directions. (Tract.) 8vo. *London*, no date.
- Sailing Directions for the Gulf and River of St. Lawrence. By H. W. Bayfield. Vol. i. part 1 and vol. ii. part 3. 8vo. *London*, 1837-47.
- Directions for navigating part of the Coast of Labrador, from Cape Charles to Sandwich Bay. By M. Lane. 2nd edition, revised by J. F. Dessiou. 8vo. *London*, 1810.
- Directions for navigating part of the Coast of Newfoundland, from Point Lance to Cape Spear, and from Cape Spear to Cape Bonavista. By M. Lane. 2nd edition, revised by J. F. Dessiou. 8vo. *London*, 1810.
- Directions for navigating the Bay of Placentia, from Cape Chapeau Rouge to Cape St. Mary, on the south coast of Newfoundland. By Michael Lane (1772). 2nd edition, revised by J. F. Dessiou. 8vo. *London*, 1810.
- Remarks on Baffin Bay. By R. C. Allen, W. P. Snow, and E. A. Inglefield. (Tract.) 8vo. *London*, 1853.
- AMERICA (SOUTH). Memoir on the Navigation of South America, to accompany a chart of that station. 8vo. *London*, 1825.
- Sailing Directions for South America. By R. Fitz Roy. Part ii. 8vo. *London*, 1848.
- Sailing Directions for South America. Part ii. By P. P. King and R. Fitz Roy. 2nd edition. 8vo. *London*, 1850.
- Directions for the Bar and River of Aracati, or Jaguarybe. By Richard Dixon. 8vo. *London*, 1832.
- AUSTRALIA. The Australia Directory. Vol. I., containing Directions for the Southern Shores of Australia, from Cape Leeuwin to Port Stephens, including Bass's Strait and Van Diemen's Land. 8vo. *London*, 1830.
- The Australia Directory. Vol. I. Edited by John Burdwood. From Cape Leeuwin to Port Stephens, including Bass's Strait and Tasmania. 3rd edition. 8vo. *London*, 1853.
- AUSTRALIA. Directions for the Inner Route from Sydney to Torres Strait, surveyed by P. Parker King. (Tract.) 8vo. *London*, 1847.
- Directions for the Outer Passage from Sydney to Torres Strait, to accompany the charts of the Barrier Reefs, surveyed by F. P. Blackwood. (Tract.) 8vo. *London*, 1847.

- Admiralty Publications.** **BALTIC.** Sailing Directions for the Baltic Sea and the Gulf of Finland. By G. Klint. 8vo. *London*, 1854.
- . ———. The Baltic Pilot. Supplementary Sailing Directions. 8vo. *London*, 1855.
- . **BLACK SEA.** The Black Sea Pilot. By Taitbout de Marigny. Translated from the French. 8vo. *London*, 1855.
- . **BOTHNIA.** The Bothnia Pilot. By Gustaf Klint. 8vo. *London*, 1855.
- . **BRAZIL.** The Brazil Pilot; or Sailing Directions for the Coast and Harbours of Brazil. By Messrs. Warner, Harris, and Peter Heywood. Compiled by J. F. Dessiou. 8vo. *London*, 1818.
- . **BRITISH ISLES.** Tide Tables for the English and Irish Ports for the years 1851–53. (Tracts.) 8vo. *London*, 1850–52.
- . **CAPE OF GOOD HOPE.** Astronomical Observations made at the Royal Observatory in the year 1834, under the direction of T. Maclear. (Published by order of the Lords of the Admiralty.) Vol. I. 4to. *Cape of Good Hope*, 1850.
- . **DEMERARA** etc. Remarks on the Rivers of Berbice and Demerara. By John Petley. (Tract.) 8vo. *London*, 1845.
- . **DENMARK.** The Danish Pilot. By Vice-Admiral Zahrtmann. 8vo. *London*, 1853.
- . **ENGLAND.** Tide Tables for Plymouth, Portsmouth, Ramsgate, Sheerness, and London for the year 1834. (Tract.) 2 copies. 8vo. *London*, 1834.
- . **ENGLISH CHANNEL.** Sailing Directions for the English Channel, including a general description of the south coasts of England and Ireland, and a detailed account of the Channel Islands. By Martin White. 8vo. *London*, 1835.
- . ———. ———. 4th edition. 8vo. *London*, 1850.
- . ———. Tide Tables for the English and Irish Channels, and the River Thames for the years 1835–41. 8vo. *London*, 1835–40.
- . **HELIGOLAND.** General Sailing Directions for Helgoland, and for the Entrances of the Rivers Elbe and Weser. 8vo. *London*, no date.
- . **IRELAND.** Sailing Directions for the North-east, North, and North-west coasts of Ireland. By W. Mudge and G. A. Frazer. 8vo. *London*, 1842.
- . ———. Sailing Directions for the Lower Shannon and for Leugh Derg, by James Wolfe. 8vo. *London*, 1843.
- . ———. ———. 2nd edition. (Tract.) 8vo. *London*, 1850.
- . **KARAMANIA.** Memoir of a Survey of the Coast of Karamania, by Francis Beaufort in 1811 and 1812. 8vo. *London*, 1820.
- . **LIGHTHOUSES.** **AFRICA** etc. The Light-houses in South Africa, the East Indies, Australia, and Tasmania. Corrected to 1849, to 1851, and to 1852. (Tracts.) 8vo. *London*, 1849–52.
- . ———. **AFRICA.** The Light-houses on the West and South coasts of Africa, corrected to 1851 and to 1852. (Tracts.) 8vo. *London*, 1851–52.
- . ———. **AMERICA, NORTH.** The Light-houses on the Coasts and Lakes of British North America, corrected to 1853. (Tract.) 8vo. *London*, 1853.

- Admiralty Publications.** **LIGHTHOUSES. AMERICA, SOUTH.** The Light-houses on the Eastern and Western Coasts of South America, and the Western Coast of North America, corrected to 1853. (Tract.)
8vo. *London*, 1853.
- . ———. **EUROPE, NORTH.** The Belgian, Netherlands, Hanoverian, Danish, Prussian, Russian, Swedish, and Norwegian Lights, corrected to 1843, to 1851, and to 1854. (Tracts.)
8vo. *London*, 1843–54.
- . ———. **BRITISH ISLES.** The Light-houses of the British Isles. Corrected to 1832, to 1836, to 1844, to 1849, to 1851, to 1853, and to 1854. (Tracts.)
8vo. *London*, 1832–54.
- . ———. **CORFU.** Corfu Light-houses. (Tract.) 8vo. *London*, 1835.
- . ———. **FRANCE etc.** The Light-houses on the North and West Coasts of France, Spain, and Portugal, corrected to 1852, to 1853, and to 1854. (Tracts.)
8vo. *London*, 1852–54.
- . ———. **MEDITERRANEAN etc.** The Light-houses of the Mediterranean, Black Sea, and Sea of Azof, corrected to 1849, to 1852, and to 1853. (Tracts.)
8vo. *London*, 1849–53.
- . ———. **UNITED STATES.** The Light-houses, Beacons, and Floating Lights of the United States, corrected to 1850 and to 1853. (Tracts.)
8vo. *London*, 1851–53.
- . ———. **WEST INDIES.** The Light-houses of the West India Islands, and adjacent Coasts, corrected to 1853.
8vo. *London*, 1853.
- . **NORTH SEA.** Directions for the North Sea, by J. Welsh. No title.
- . ———. Remarks to accompany a new Chart of the Leman and Ower Shoals, situated in the North Sea, by W. Hewett.
8vo. *London*, 1826.
- . **PATAGONIA.** Sailing Directions for the Coasts of Eastern and Western Patagonia, by Philip Parker King. 8vo. *London*, 1832.
- . **VENICE.** Treatise on the Currents in the Gulf of Venice, containing clear and simple instructions, etc. By Vincenzo di Luccio (Venice, 1798).
8vo. *London*, 1806.
- . **WALES.** Sailing Directions for the Coast of Wales. By W. L. Sheringham, C. G. Robinson, and H. M. Denham.
8vo. *London*, 1843.
- . **WEST INDIES.** The West India Directory, Vol. I., containing directions for navigating the Caribbean Sea and the Gulf of Mexico.
8vo. *London*, 1829.
- . See **SURVEYS. GREAT BRITAIN.** Ordnance Survey.
- Adriasola y Arve (J. M.).** See **RIVERO (M. E. de).**
- 'Adventure' and 'Beagle' Expedition.** See **'BEAGLE' AND 'ADVENTURE' EXPEDITION.**
- Agapito (Girolamo Co.).** Le Grotte di Adlersberg, di S. Canciano, di Corniale e di S. Servolo . . . ed altri notevoli oggetti nelle vicinanze di Trieste.
12mo. *Vienna*, 1823.
- Agassiz (Alexander).** Preliminary Report on the *Echini* and Starfishes dredged in deep water, between Cuba and the Florida Reef, by L. F. de Pourtales. 8vo. *Cambridge, Mass.*, 1869.
- Agassiz (Louis).** Recherches sur les Poissons fossiles. 5 vols. 2 copies. 4to; Atlas fol. *Neufchatel*, 1833–43.

- Agassiz (Louis). Rapport sur les Poissons fossiles découverts en Angleterre. (Tract.) 8vo. *Neufchatel*, 1835.
- . Revue critique des Poissons fossiles figurés dans l'Ittiolitologia Veronese. (Tract.) 8vo. *Neufchatel*, 1835.
- . Notice sur les Moules du Musée de Neuchatel. (Tract.) 4to. *Neufchatel*, 1838.
- . Monographies d'Echinodermes vivans et fossiles. 4to. *Neufchatel*, 1838.
- . Notice sur le *Mya alba*, espèce nouvelle de Porto-Rico. (Tract.) 4to. *Neufchatel*, 1839.
- . Notice sur quelques points de l'organisation des Euryales, accompagnée de la description détaillée de l'espèce de la Méditerranée. (Tract.) 4to. *Neufchatel*, 1839.
- . Mémoire sur les Moules de Mollusques vivans et fossiles.— 1^e partie. (Tract.) 4to. *Neufchatel*, 1839.
- . Description des Echinodermes fossiles de la Suisse.—1^e partie. 4to. *Neufchatel*, 1839.
- . Études sur les Glaciers. 2 copies. 8vo; Atlas fol. *Neufchatel*, 1840.
- . Études critiques sur les Mollusques fossiles. 4to. *Neufchatel*, 1840.
- . De la Succession et du Développement des êtres organisés à la surface du globe terrestre, dans les différens âges de la nature. (Tract.) 8vo. *Neufchatel*, 1841.
- . [Sur la découverte de la structure lamellaire des glaciers.] (Tract.) 4to. *Neufchatel* (?), 1842.
- . Nomenclator Zoologicus. Fasc. 1–12. 4to. *Soleure*, 1842–46.
- . Monographie des Poissons fossiles du vieux grès rouge ou système Dévonien (Old Red Sandstone) des Iles Britanniques et de Russie. 2 copies. 4to; Atlas fol. *Neufchatel* and *Soleure*, 1844.
- . Iconographie des Coquilles tertiaires réputées identiques avec les espèces vivantes ou dans différens terrains de l'époque tertiaire, accompagnée de la description des espèces nouvelles. (Tract.) 4to. *Neufchatel*, 1845.
- . Bibliographia Zoologiæ et Geologiæ. A general catalogue of all books, tracts, and memoirs on Zoology and Geology. Corrected, enlarged, and edited by H. E. Strickland. (Ray Society.) 4 vols. 8vo. *London*, 1848–54.
- . Geographical Distribution of Animals. (Tract.) 8vo. *London*, 1850.
- . Lake Superior: its physical character, vegetation, and animals. With a narrative of the tour, by J. Elliot Cabot. 8vo. *Boston*, 1850.
- . On Marcou's 'Geology of North America.' (Tract.) 8vo. *New Haven*, 1859.
- . Conversações Scientificas sobre o Amazonas. (Tract.) 8vo. *Rio de Janeiro*, 1866.
- . Methods of Study in Natural History. 8vo. *Boston*, 1866.
- . Glacial Phenomena in Maine. (Tract.) 8vo. *Boston*, 1867.
- . Sur la géologie de la vallée de l'Amazone, avec des remarques de M. Jules Marcou. (Tract.) 8vo. *Paris*, 1867.

- Agassiz** (Louis). Address delivered on the Centennial Anniversary of the birth of Alexander von Humboldt, under the auspices of the Boston Society of Natural History. 2 copies. 8vo. *Boston*, 1869.
- . Scientific results of a Journey in Brazil. Geology and Physical Geography of Brazil. By Ch. Fred. Hartt. 8vo. *Boston and London*, 1870.
- . A Letter concerning Deep-Sea Dredgings. (Tract.) 8vo. *Washington*, 1872.
- . See **BLAKE** (William P.), **HARTT** (C. F.), **HOLMES** (Francis S.), **MILLER** (Hugh), **NOTT** (J. C.), and **SERIALS**, *LONDON*; Ray Society.
- and **Desor** (E.). Récit d'une course faite aux glaciers en hiver. (Tract.) 8vo. *Geneva*, 1842.
- Agricola** (Georg). De ortu et causis Subterraneorum; de Natura eorum quæ effluunt ex Terra; de Natura Fossilium; de Veteribus et novis Metallis; Bermannus, sive de re metallica dialogus; Interpretatio Germanica vocum rei metallicæ, . . . recensiti . . . a Joannes Sigfridus. 8vo. *Wittemburg*, 1612.
- . De Re Metallica, libri XII. Quibus Officia, Instrumenta, Machinæ, ac omnia denique ad Metallicam spectantia, non modo luculentissime describuntur &c. Fol. *Basle*, 1657.
- Aikin** (Arthur). Journal of a Tour through North Wales and part of Shropshire, with observations in Mineralogy and other branches of Natural History. 8vo. *London*, 1797.
- . A Manual of Mineralogy. 8vo. *London*, 1814.
- . A Manual of Mineralogy. 2nd edition. 8vo. *London*, 1815.
- . Tabular view of Mr. Aikin's System of Mineralogy. (MS. Tract, by Mr. Greenough.) 4to. No date.
- . Proposals for a Mineralogical Survey of the County of Salop, and of some adjacent districts. 4to, *London*, no date.
- and **Aikin** (C. R.). A Dictionary of Chemistry and Mineralogy, with an account of the processes employed. 2 vols. and Appendix. 4to. *London*, 1807–14.
- Ainsworth** (Robert). See **DICTIONARIES**, Latin and English.
- Ainsworth** (William). An account of the Caves of Ballybunian, county of Kerry; with some mineralogical details. (Tract.) 8vo. *Dublin*, 1834.
- . Researches in Assyria, Babylonia, and Chaldæa, forming part of the labours of the Euphrates Expedition. 8vo. *London*, 1838.
- Airy** (G. B.). On the Results of recent Calculations on the Eclipse of Thales and Eclipses connected with it. (Tract.) 8vo. *London*, 1853.
- Akerly** (Samuel). An essay on the Geology of the Hudson River. 8vo. *New York*, 1820.
- Akrell** (Carl). Underrättelser till Kartar öfver Sverige. (Tract.) 4to. *Stockholm*, 1811.
- Albert** (Prince Consort). Address on Opening the International Statistical Congress. (Tract.) 8vo. *London*, 1860.
- Alberti** (Friedrich von). Die Gebirge des Königreichs Württemberg, in besonderer Beziehung auf Halurgie. Mit Anmerkungen und Beilagen von D. Schübler. 8vo. *Stuttgart and Tübingen*, 1826.

Alberti (Friedrich von). Beitrag zu einer Monographie des bunten Sandsteins, Muschelkalks, und Keupers, und der Verbindung dieser Gebilde zu einer Formation. 2 copies.

8vo. *Stuttgart and Tübingen*, 1834.

——. Halurgische Geologie. 2 vols. 8vo. *Stuttgart and Tübingen*, 1852.

——. Ueberblick über die Trias, mit Berücksichtigung ihres Vorkommens in den Alpen. 8vo. *Stuttgart*, 1864.

Albertini (Luis E.). Le Pérou en 1878. Notice historique et statistique, suivie du Catalogue des Exposants. Exposition Universelle, Paris. (Tract.) 8vo. *Paris*, 1878.

Alder (Joshua) and **Hancock** (Albany). A Monograph of the British Nudibranchiate Mollusca. (Ray Society.) 4to. *London*, 1845.

Aldis (C. J. B.). General Report on the Sanitary Condition of the Belgrave sub-district, Parish of St. George, Hanover Square; and on the quality of the Waters used therein. 2nd edition. (Tract.) 8vo. *London*, 1857.

Alexander (Henry). The Soils of East Suffolk, considered geologically. (Tract.) 2 copies. 8vo. *Woodbridge*, 1840.

Alexander (William). See REPORTS, PARLIAMENTARY. Mines.

Alexandre (Jacques). Traité du flux et reflux de la mer. (Tract.) 8vo. *Paris*, 1726.

Alfonso X. of Castile. Libros del saber de Astronomia . . . compilados, anotados y comentados por Don Manuel Rico y Sinobas. 3 vols. Fol. *Madrid*, 1863–64.

Alger (Francis). See JACKSON (Charles T.).

Algeria. Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842. Sciences physiques. Géologie de l'Algérie par E. Renou, accompagnée d'une notice minéralogique sur le massif d'Alger par M. Ravergie, et d'une description des Coquilles fossiles par M. Deshayes. 4to. *Paris*, 1868.

Allan (Robert). A Manual of Mineralogy. 8vo. *Edinburgh*, 1834.

——. See PHILLIPS (William).

Allan (Thomas). An Alphabetical List of the Names of Minerals at present most familiar in the English, French, and German Languages, with Tables of Analyses. 8vo. *Edinburgh*, 1808.

——. Remarks on a Mineral [Allanite] from Greenland, supposed to be crystallized Gadolinite. (Tract.) 2 copies. 4to. *Edinburgh*, 1812.

——. On the Rocks in the Vicinity of Edinburgh. (Tract.) 4to. *Edinburgh*, 1812.

——. Mineralogical Nomenclature, alphabetically arranged; &c. 8vo. *Edinburgh*, 1814.

——. Remarks on the Transition Rocks of Werner. (Tract.) 4to. *Edinburgh*, 1815.

——. Observations on the Formation of the Chalk strata, and on the structure of the Belemnite. (Tract.) 4to. *Edinburgh*, 1822.

Allen (Joel Asaph). Mammalia of Massachusetts. (Tract.) 8vo. *Cambridge, Mass.*, 1869.

——. History of the American Bison, *Bison americanus*. (Tract.) 8vo. *Washington*, 1877.

——. See SURVEYS: UNITED STATES.

Allen (R. C.). See ADMIRALTY PUBLICATIONS.

- Allies (Jabez).** Observations on certain curious Indentations in the Old Red Sandstone of Worcestershire and Herefordshire, considered as the tracks of Antediluvian Animals. 8vo. *London* 1835.
- Allioni (Carlo).** Oryctographiæ Pedemontanæ specimen, exhibens corpora Fossilia terræ adventitia. 8vo. *Paris*, 1757.
- Allman (George James).** A monograph of the Freshwater Polyzoa. (Ray Society.) 4to. *London*, 1856.
- . A monograph of the Gymnoblastic or Tubularian Hydroids. (Ray Society.) 4to. *London*, 1871–72.
- Allport (Samuel).** On the Discovery of some Fossil Remains near Bahia in South America. (Tract.) 8vo. *London*, 1860.
- Almanac, Austrian.** Kaiserlich-österreichischer Toleranz-Bothe, oder neuengerichteter allgemeiner Kalender für alle Religionsgesellschaften in den kaiserlichen königlichen Erbstaaten. Auf das Jahr . . . 1820. 4to. *Vienna*, 1820.
- Almeida (Agostinho José Pinto de).** See PINTO DE ALMEIDA (A. J.).
- Alston (Edward R.).** Mammalia of the West of Scotland. See BRITISH ASSOCIATION. Glasgow Guide Books.
- Alston Moor.** Reference to the Plans of Mines in the Manor. (Tract.) 4to. *Newcastle*, 1828.
- Althaus (— d').** Notice sur un terrain d'eau douce du Hegau, Grand-duché de Bade. (Tract.) 4to. *Strasburg*, 1830.
- Altmann (Johann Georg).** Versuch einer historischen und physischen Beschreibung der helvetischen Eisbergen. 8vo. *Zurich*, 1751.
- Alton (E. d') and Burmeister (H.).** Der fossile Gavial von Boll in Württemberg. 4to. *Halle*, 1854.
- Amato (Gaetano d').** Divisamento critico sulle correnti opinioni intorno ai fenomeni del Vesuvio e degli altri vulcani, etc. 8vo. *Naples*, 1756.
- America (British Provinces) and United States.** Catalogue of Official Reports upon Geological Surveys. (Tract.) 8vo. *New Haven*, 1867.
- American Coal.** See JOHNSON (Walter R.).
- Amici (Vincenzo).** Sul problema dell' equilibrio delle volte. 4to. *Modena*, 1833.
- Ammann (Jean Conrad).** Catalogue Systématique de sa Collection de Pétrifications. (Tract.) 8vo. *Nuremberg*, 1790 ?
- Ammon (Ludwig von).** Die Jura-Ablagerungen zwischen Regensburg und Passau. Eine Monographie des niederbayerischen Jurabezirkes mit dem Keilberger Jura, unter besonderer Berücksichtigung seiner Beziehungen zum Frankenjura. 8vo. *Munich*, 1875.
- Amodio (Giulio).** Breve trattato del Terremoto. In occasione dell' incendio successo nel Monte Vesuvio nel giorno 16 di Dicembre 1631. Con una verissima relatione di quanto è successo da detto dì sino à 22 di Gennaro 1632. (Tract.) 12mo. *Naples*, 1632.
- Amoretti (Carlo).** Viaggio da Milano ai tre laghi Maggiore, di Lugano e di Como, e ne' monti che li circondano. 3rd edition. 8vo. *Milan*, 1806.
- Anastatic Printing.** A Brief Description of the Art (Trade). By S. H. Cowell. (Tract.) 8vo. *Ipswich*, no date.
- Anca (F.).** Sur deux nouvelles Grottes à ossements fossiles découvertes en Sicile en 1859. (Tract.) 4to. *Paris*, 1860.

- Anciola** (Antonio L.) and **Cossio** (Eloy de). Memoria sobre las minas de Rio-Tinto. 8vo. *Madrid*, 1856.
- Ancona** (Cesare d'). Sulle neritine fossili dei terreni terziari dell' Italia centrale. (Tract.) 8vo. *Pisa*, 1869.
- . Sulle neritine fossili dei terreni terziari superiori dell' Italia centrale. (Tract.) 8vo. *Pisa*, 1869.
- . Malacologia Pliocenica Italiana. Fasc. 1, 2. 4to, *Florence*, 1871–72.
- Anderson** (Benjamin). Narrative of a Journey to Musardu, the capital of the Western Mandingoes. 8vo. *New York*, 1870.
- Anderson** (Charles). See BUCH (Leopold von).
- Anderson** (J.). History of the County of Fife. 4to. *Edinburgh*.
- Anderson** (John). Dura Den, a monograph of the Yellow Sandstone and its remarkable fossil remains. 8vo. *Edinburgh*, 1859.
- Anderson** (John). Report on the Expedition to Western Yunan, *viâ* Bramô. 8vo. *Calcutta*, 1871.
- Anderson** (R.). Lightning conductors, their history, nature, and mode of application. 8vo. *London*, 1879.
- Andersson** (N. J.). See EUGENIES EXPEDITION.
- Andrada e Silva** (José Bonifacio de). Memoria sobre a nova Mina de ouro da outra banda de Tejo. (Tract.) 4to. *Lisbon*, 1817.
- . Memoria sobre as pesquisas e lavra dos veios de chumbo de Chacim, Souto, Ventozello, e Villar de Rey, na Provincia de Tras os Montes. (Tract.) 4to. *Lisbon*, 1818.
- Andræ** (Carl Justus). Vorweltliche Pflanzen aus dem Steinkohlengebirge der preussischen Rheinlande und Westphalens. Heft 3. (Tract.) 4to. *Bonn*, 1869.
- . See HEER (Oswald).
- Andreæ** (J. G. R.). De Aquis putealibus Hannoveranis et Seinæ fluminis — Von den hannoverischen Wassern, etc. (Tract.) 4to. *Hanover*, 1756.
- . Briefe aus der Schweiz nach Hannover geschrieben in dem Jahre 1763. 4to. *Zurich* and *Winterthur*, 1776.
- Andréossy** (Antoine François). Mémoire sur les dépressions de la surface du Globe, dans le sens longitudinal des chaînes de montagnes et entre deux reliefs maritimes adjacens. (Tract.) 8vo. *Paris*, 1826.
- . Constantinople et le Bosphore de Thrace, pendant les années 1812, 1813, et 1814, et pendant l'année 1826. 8vo. *Paris*, 1828.
- Andrew** (Thomas). Geological and Archæological Papers. (Exeter, Cornwall and Devonshire, etc.) 8vo. *Northampton* 1875.
- Andrew** (W. P.). The Punjaub Railway, with Map of Scinde and the Punjaub. (Tract.) 8vo. *London*, 1857.
- . Port of Kurrachee, depth of Water, and Commerce, for 1856–1857. (Tract.) 8vo. *London*, 1857.
- Andrews** (E. B.). See SURVEYS: OHIO.
- Angas** (George French). Description d'espèces nouvelles appartenant à plusieurs genres de mollusques nudibranches des environs de Port-Jackson, Nouvelles-Galles du Sud. Traduite de l'anglais par H. Crosse. (Tract.) 8vo. *Paris*, 1864.
- Angelin** (N. P.). Palæontologia Scandinavica. Part I. Crustacea. 4to. *Leipzig*, 1854.

- Angelin** (N. P.). *Iconographia Crinoideorum in stratis Sueciæ Siluricis fossilium.* Fol. *Stockholm*, 1878.
- Anglion** (John). *Letter on the Geology of North America.* (Tract.) 4to. *Manuscript*, 1810.
- . *Account of a Marine Volcano at St. Michael's.* (Tract.) 4to. *Manuscript*, 1811.
- Anker** (Mathias Joseph). *Kurze Darstellung einer Mineralogie von Steyermark, etc.* Band i. and ii. (Tracts.) 8vo. *Grätz*, 1809–10.
- Anon.*** **AMERICAN RIVERS.** *The Navigator, containing directions for navigating the Monongahela, Allegheny, Ohio, and Mississippi Rivers, etc.* 11th edition. 8vo. *Pittsburg*, 1821.
- . **ARCTIC REGIONS.** *The Great Arctic Mystery, by φίλοι συμβουλευμενοι.* (Tract.) *London*, 1856.
- . **ARMENIA.** *Coup d'œil général sur les Provinces nouvellement conquises par les Russes et appelés par eux-mêmes Territoire d'Arménie.* (Tract.) 12mo. *Venice*, 1828.
- . **ARMY.** *A Report on the Sanitary Condition of the Army, particularly during the late war with Russia, by a Non-Commissioner.* (Tract.) 8vo.
- . ——. *Mortality of the British Army at home and abroad, and during the Russian War, as compared with the mortality of the Civil population in England.* (Tract.) Fcap. fol. *London*, 1858.
- . **BIBLE** (The). *Considered as a record of Historical Development.* (Tract.) 8vo. *London*, 1864.
- . **BIBLE AND GEOLOGY.** *The true theory of the Earth, and philosophy of the predicted end, by Research.* 8vo. *Edinburgh*, 1869.
- . ——. *By Non præteribit.* (Tract.) 4to. *Chester*, 1854.
- . **BOTANICAL GEOGRAPHY.** *Ueber Verbreitung von Teak, Sandel und Cardamomen.* (Tract.) 8vo.
- . *Ueber Verbreitung der Pfefferrebe, Banane und Mango in Indien.* (Tract.) 8vo.
- . **BRITISH GEOLOGY.** *Outlines of British Geology.* 8vo. *London*, 1850.
- . **CANOBIE.** *Guide to Excursion to Canobie, Liddesdale, and Keeldar Castle.* (Tract.) 8vo. *Newcastle*, 1863.
- . **CAPITAL** without Coin, by "Tom Cringle." (Tract.) 8vo. *Melbourne*, 1869?
- . **CIRCLE.** *Are there any commensurable relations between a circle and other geometrical figures?* (Tract.) 8vo. *London*, 1860.
- . **COAL.** *About coal formations, by "Tom Cringle," pp. 1 and 2.* (Tract.) 8vo. *Melbourne?*, 1869.
- . ——. *Our coal and our coal-pits; the people in them, and the scenes around them. By a Traveller underground.* 8vo. *London*, 1853.
- . ——. *Relation des événemens mémorables arrivés dans l'exploitation de houille de Beaujoux, près de Liège, le 28 Février, 1812.* (Tract.) 8vo. *Liège*, 1812.

* See also the commencement of each letter for anonymous works bearing the authors' initials. Other anonymous publications will be found under "REPORTS."

- Anon. COAL.** Review of "Reports on the geological relations, chemical analysis, and microscopic examination of the coal of the Albert Coal Mining Company, situate in Hillsboro', Albert County, New Brunswick," as written and compiled by Charles T. Jackson, by a F. G. S. of London. (Tract.) 8vo. *New York*, 1852.
- . Some observations on the Acts of the year 1797 and 1802 granting exemptions of the duty of Customs on all coal and culm carried coastwise from the Port of Newport, etc. (Tract.) 8vo. *Bristol*, 1810.
- . The history and description of fossil fuel, the collieries, and coal-trade of Great Britain, (by — Holland?). 2nd edition. 8vo. *London*, 1841.
- . **COAL-MEASURES.** Erläuterung zur Flötzkarte des saarbrücker Steinkohlendistrictes. (Tract.) 8vo. *Gotha*, no date.
- . **COAL-MINES.** (From the London University Magazine.) (Tract.) 8vo. *London*, 1858.
- . **CONCHOLOGICAL** Tables, compiled principally for the use of shell-collectors. (Imperfect tract.) 8vo. *Newcastle-on-Tyne*, 1823.
- . **CROYDON.** An account of the river Bourne, an intermittent stream rising south of Croydon, as it appeared in January 1861. (Tract.) 8vo. *Croydon*, 1861.
- . **Geology of Croydon.** (Tract.) 8vo. *Croydon*, 1877.
- . **CRYSTALLOGRAPHY.** Kanten-Messung von Krystallen mittelst des geognostischen Compasses. (Tract.) 8vo. *Wiesbaden*?, 1855.
- . **DARWINIAN THEORY** of the transmutation of species examined, by a Graduate of the University of Cambridge. 8vo. *London*, 1867.
- . **DEPTFORD.** The "Industrial Geology" of Deptford. (Tract. From the Archæological Mine.—The History of Kent.) 8vo. *London*, 1854.
- . **DIAMOND-BORING.** Borings executed by the Continental Diamond Rock-boring Company (Limited). (Tract.) 8vo. *London*?, 1879.
- . **EARTHQUAKE-WAVES:** are they possible? by "Tom Cringle." (Tract.) 8vo. *Melbourne*, no date.
- . **FOSSILS.** An account of the origin and formation of fossil shells etc. (by — Rowland?). (Tract.) *London*, 1705.
- . Sketches of bones supposed to resemble those of the German Caverns. (MS. Tract.) 4to.
- . **FRANCE.** Géographie de la France. 2 vols. 8vo. *Paris*, 1802.
- . Sketch of the Geology of France (by H. G. Bennet?). MS. fol. (*Boulogne*) 1814.
- . **GANGES CANAL.** Short account of the Ganges Canal. 4to. *Calcutta*, 1854.
- . **GEOGRAPHY.** Aide-mémoire du voyageur, ou questions relatives à la géographie physique et politique, etc. 8vo; Aatlas 4to. *Paris*, 1834.
- . Hints for collecting geographical information. (Tract.) 8vo. *London*, no date.
- . On the Gnomonic Projection of the Sphere. (Tract.) 8vo. *London*, 1851.
- . **GEOLOGIE**, of verhandelning over de Vorming en Vervorming der Aarde. (Tract.) 8vo. *Groningen*, 1813.

- Anon.** GEOLOGY. A geological primer in verse : with a poetical geognosy, or Feasting and Fighting ; and sundry right pleasant poems ; with notes. To which is added a critical dissertation on "King Coal's Levée" (by Charles Daubeney?). 8vo. *London*, 1820.
- . ———. Remarks on Prof. Rogers's geological report to the British Association during their recent meeting held at Edinburgh. By Amphibole. (Tract.) 8vo. *Philadelphia*, 1835.
- . ———. The physical history of the earth, by a Student. 8vo. *London*, 1861.
- . ———. The science of Geology, by XAOΣ. (Tract.) 12mo. *Glasgow*, 1839.
- . GLACIERS and their phenomena. (Tract.) *London*, 1859.
- . GOLD. Auriferous drifts in Australia, &c., by "Research." (Tract.) 8vo. *Melbourne, London, and Edinburgh*, 1868.
- . GOLD-MINING. Ueber den Bergbau Chursachsens auf Gold. (Tract.) 8vo. *Penig*, 1805.
- . GREAT BRITAIN. Geological Structure of Great Britain. (Tract.) 8vo, no date.
- . GREENLAND. (Tract.) 8vo. *New York*, 1845.
- . INDIA. Observations on India (by R. Everest?). 8vo. *London*, 1853.
- . INDIAN ARCHIPELAGO. The languages of the Indian Archipelago. (Tract.) 8vo, no date.
- . IRELAND. The postchaise companion through Ireland. 3rd edition. 8vo. *Dublin*, 1805.
- . LIMA. A true and particular relation of the dreadful earthquake which happened at Lima, the capital of Peru, and the neighbouring port of Callao, on the 28th of October, 1746. 8vo. *London*, 1748.
- . METEOROLOGY. Memorandum of Thermometer (Fahr.) at Loch-nell House, N.B. in the years 1818–23. (MS. Tract.) 8vo. 1824.
- . ———. Meteorological Tables, extracted from the Register kept at Kinfauns Castle, N.B. (Tract.) 1814–15.
- . MICROSCOPY. How to choose a Microscope ; by a Demonstrator. (Tract.) 8vo. *London*, 1876.
- . MINERAL WATERS. Mémoire sur l'Eau de Selters ou de Seltz naturelle. (Tract.) 8vo. *Paris*, 1841.
- . MINERALOGY. Mineralogical Nomenclature. Reports of the Committee. Appendix. (MS.) 4to.
- . ———. Ricerche sulla composizione chimica del topazio e dei fosfati naturali che contengono fluore o cloro. (Tract.) 8vo. (1842–43.)
- . MINING. Abbildung aller Berg- und Hütten-Beamten wie auch der übrigen Bergleuten in ihren Kleidungen nach der Natur gezeichnet, und in Kupfer gestochen etc. ; von einem Bergmann. (Tract.) 8vo. *Nuremberg*, 1788.
- . ———. Ehrfurchts-Bezeugung und kurzskizzirte Geschichte des Bergbaues im Kinziger Thale. (Tract.) 8vo. *Fürstenburg*, 1805.
- . ———. Merkwürdigkeiten der tiefen Hauptstölln des Bergamtsreviers Freyburg. (Tract.) 8vo. *Dresden*, 1804.
- . ———. Names of Mining Instruments and Apparatus, and the provincial names of mineral substances. MS. 8vo.

- Anon.** MINING. Statement of a recently-claimed discovery in Natural Science, incentive to Mining enterprise, by "Research." (Tract.)
8vo. *Melbourne*, 1870.
- . NEW SOUTH WALES, its Progress and Resources. (Tract.)
8vo. *Sydney*, 1876.
- . OMPHALOS: being an attempt to untie the Geological Knot, by Philip Henry Gosse. (Review.) (Tract.)
8vo. *London*, 1857.
- . PALÆONTOLOGY. Observations on the Antediluvian Remains of a Former World. (Tract.)
8vo. *London*, 1834.
- . PALESTINE. Notes of a Tour through Palestine. (Tract.)
8vo. *Calcutta*, 1835.
- . PETROLOGY. Beobachtungen und Muthmassungen über den Granit und über den Gneiss. (Tract.)
8vo. *Berlin*, 1779.
- . ROMAN COIN MOULDS. Observations on, discovered in England and France. (Tract.)
8vo. *London*, 1839.
- . ST. LAWRENCE. Instructions for making Gaspé and Mitis, and Rimouski, in the River St. Lawrence. 8vo. *London*, 1832.
- . SAXON MINING. Der verkannte Werth des sächsischen Bergbaues und desselben gute Sache. (Tract.) 8vo. *Leipzig*, 1781.
- . SCIENCE. A discourse of the Objects, Advantages, and Pleasures of Science. (Tract.) 8vo. *London*, 1827.
- . SCOTLAND. Journal of a tour through the Highlands of Scotland during the summer of 1829. 8vo. *Norton Hall*, 1830.
- . SINTERS. Breve notizia di un viaggiatore sulle incrostazioni silicie termali d'Italia, e specialmente di quelle dei Campi Flegrei nel Regno di Napoli; by θ . (Tract.) 8vo. *London?*, 1795.
- . STATISTICS. Heads for the arrangement of Local Information in every department of Parochial and Rural Interest. (Tract.)
8vo. *London*, 1830.
- . SULPHURIC ETHER. Debate in the United States Senate on the Anæsthetic Properties of Sulphuric Ether. (Tract.)
8vo. *Washington?*, 1852.
- . ———. Report (to the Senate of the United States) of a Select Committee on the discovery of Sulphuric Ether as an Anæsthetic. (Tract.)
8vo. *Washington?*, 1853.
- See also MORTON (William T. G.).
- . TELESCOPES. Lord Rosse's Two Great Telescopes. (Tract.)
8vo. *New York*, 1845.
- . TIDES. A new Theory (Captain Davis's) of the Effect of the Tides. (Tract.) 8vo.
- . ———. Account of Mr. Whewell's Researches on the Tides. [From the United Service Journal.] (Tract.) 8vo. *London*, 1838.
- . TRINIDAD. The Pitch-Lake of Trinidad. (Tract.)
8vo. *London?*, 1869.
- . TUSCAN MINING. Ragionamento intorno alla riattivazione che si propone d'intraprendere di alcune miniere in Toscana. Edizione 2^{da}. (Tract.) 8vo. *Florence*, 1833.
- . UNITY of System. (Tract.) 8vo. *London*, 1862.
- . VESUVIUS. Esame cristallografico del ferro oligisto e del ferro ossidulato del Vesuvio. (Tract.) 8vo. 1842–43.

- Anon.** VOLCANIC ISLANDS. Om den vulcanske Oe, Isola Ferdinanda, der i 1831 fremkom i nærheden af Sicilien. (Tract.)
8vo. *Christiania*, 1832–33.
- . VOLCANOES. Essay on Volcanoes, by Scholasticus. (Tract.)
8vo. *Lewes*, 1818.
- . WELLS. Artesian Well on Southampton Common. (Tract.)
8vo. *Southampton*?, 1877.
- . ———. Well at Mr. Webb's Soda-Water Manufactory at Islington Green. (Tract.)
8vo. *London*, 1877.
- . WREKIN. The Rocks of the Wrekin, by a Lady.
8vo. *Wellington and London*, n. d.
- . ZOOLOGY. A popular description and history of the Giraffes, or Camelopards, now (1836) exhibiting in the Zoological Gardens; by a Naturalist. (Tract.)
8vo. *London*, 1836.
- Anschutz** (Johann Matthäus). Ueber die Gebirgs- und Steinarten des chursächsischen Hennebergs, nebst einer allgemeinen Uebersicht aller bis jetzt bekannten Mineralien dieses Landes und einem Anhang vom Schneekopfe und Rupberg. 8vo. *Leipzig*, 1788.
- Ansted** (David Thomas). On a new Genus of fossil Multilocular Shells, found in the Slate Rocks of Cornwall. (Tract.)
4to. *Cambridge*, 1838.
- . Geology, introductory, descriptive, and practical. 2 vols.
8vo. *London*, 1844.
- . Geologist's Text-book. 8vo. *London*, 1845.
- . Geology as a branch of Education. (Tract.) 8vo. *London*, 1845.
- . Facts and suggestions concerning the economic geology of India.
- I. Coal-fields of India. (Tract.) 8vo. *London*, 1846.
- . The Ancient World; or, Picturesque sketches of Creation.
8vo. *London*, 1847.
- . The Gold-seeker's Manual. 8vo. *London*, 1849.
- . An Elementary Course of Geology, Mineralogy, and Physical Geography. 8vo. *London*, 1850.
- . On the absorbent power of Chalk, and its water contents under different conditions. (Tract.) 8vo. *London*, 1851.
- . Report to the Council of the Society of Arts, on Berdan's Gold Machine. (Tract.) 8vo. *London*, 1853.
- . Report on the Forest Hill Estate and Coal Field, near the Great Kanawha River, Western Virginia. (Tract.) 8vo. *London*, 1853.
- . Scenery, Science and Art. 8vo. *London*, 1854.
- . Geological Science; including the Practice of Geology and the Elements of Physical Geography. (Orr's Circle of the Sciences.)
8vo. *London*, 1855.
- . Descriptions of Remarkable Mineral Veins. (Tract.)
8vo. *London*, 1856.
- . On the Decay and Preservation of Building-materials. (Tract.)
8vo. *London*, 1860.
- . The Varieties of Combustible Minerals used economically, considered in reference to their geological position and relative value for certain purposes. (Tract.) 8vo. *London*, 1862.
- . The Great Stone Book of Nature.
8vo. *London and Cambridge*, 1863.

- Ansted** (David Thomas). The Correlation of the Natural History Sciences. (Tract.) 8vo. *London*, 1863.
- . The Applications of Geology to the Arts and Manufactures. 8vo. *London*, 1865.
- . The Physical Geography and Geology of the county of Leicester. 4to. *Westminster*, 1866.
- . Physical Geography. 8vo. *London*, 1867.
- . The Earth's History, or first lessons in Geology. 8vo. *London*, 1869.
- . On the Lagoons and Marshes of certain parts of the Shores of the Mediterranean, with an abstract of the discussion upon the paper, edited by James Forrest. (Tract.) 8vo. *London*, 1869.
- . Relations of Geology to Architecture. (2nd communication.) Considerations on the Selection of Building-sites. (Tract.) 4to. *London*, 1871.
- and **Latham** (Robert Gordon). The Channel Islands. 8vo. *London*, 1862.
- Anstie** (John). The Coal Fields of Gloucestershire and Somersetshire and their Resources. 8vo. *London*, 1873.
- Antisell** (T.). Explorations from the Mississippi to the Pacific. See SURVEYS: UNITED STATES.
- Aoust** (T. Virlet d'). See VIRLET D'Aoust (T.).
- Apete** (—). See KÜSTER (H. C.).
- Aradas** (Andrea). Elogio Academico del prof. cav. Carlo Gemmellaro, etc. 8vo. *Catania*, 1869.
- Arana** (Salvador Calderon y). See CALDERON Y ARANA (Salvador).
- Arcet** (J. P. J. d'). Abhandlung über die pyrenäischen Gebirge und über die Ursachen ihrer abnehmenden Höhe. (Tract.) 8vo. *Berlin*, 1779.
- Archer** (William Henry). The Statistical Register of Victoria from the foundation of the Colony. 8vo. *Melbourne*, 1854.
- . Abstracts of English and Colonial Patent Specifications relating to the Preservation of Food, etc. (Tract.) 8vo. *Melbourne*, 1870.
- . See EXHIBITION OF 1862 and REPORTS, COLONIAL. *Victoria*.
- Archiac** (Etienne-Jules-Adolphe Desmier de St. Simon), *Vicomte d'*. Notice sur ses travaux. See GAUDRY (Albert).
- . Discours sur l'ensemble des phénomènes qui se sont manifestés à la surface du globe depuis son origine jusqu'à l'époque actuelle. (Tract.) 4to. *Paris*, 1840.
- . Etudes sur la Formation Crétacée des versants sud-ouest et nord-ouest du Plateau centrale de la France. (Tract.) 8vo. *Paris*, 1843.
- . Notice sur ses travaux géologiques. (Tract.) 4to. *Paris*, 1847.
- . Histoire des progrès de la Géologie de 1834–1859. 8 vols. (5 vols. in duplicate). 8vo. *Paris*, 1847–60.
- . Résumé d'un essai sur la géologie des Corbières. (Tract.) 8vo. *Paris*, 1855.
- . Etudes géologiques sur les départements de l'Aude et des Pyrénées-Orientales; Résumé. (Tract.) 8vo. *Paris*, 1857.
- . Notice Biographique sur Mercier de Boissy. (Tract.) 8vo. *Paris*, 1857.

- Archiac** (Etienne-Jules-Adolphe Desmier de St. Simon), *Vicomte d'*.
 Notice sur la Vie et les Travaux de Jules Haime. (Tract.)
 8vo. Paris, 1857.
- . Note sur Tome vii. de *l'Histoire des progrès de la Géologie*. (Tract.)
 4to. Paris, 1858.
- . Les Corbières. Etudes géologiques d'une partie des départements
 de l'Aude et des Pyrénées-Orientales. 4to. Paris, 1859.
- . Note sur la troisième édition de 'Siluria.' (Tract.)
 8vo. Paris, 1859.
- . Note sur le genre *Otostoma*. (Tract.) 8vo. Paris, 1859.
- . Note sur les fossiles recueillis par M. Pouech dans le terrain
 tertiaire du département de l'Ariège. (Tract.) 8vo. Paris, 1859.
- . Notice sur la vie et les travaux de P. A. Dufrénoy. (Tract.)
 8vo. Paris, 1860.
- . Introduction à l'étude de la Paléontologie stratigraphique. (Cours
 de Paléontologie stratigraphique.) 2 vols. 8vo. Paris, 1864.
- . Paléontologie stratigraphique. Leçons sur la Faune Quaternaire.
 8vo. Paris, 1865.
- . Géologie et Paléontologie. 8vo. Paris, 1866.
- . Explication d'un profil géologique de l'Angleterre. (Tract.)
 8vo. Angers, 1867.
- . See BELLARDI (Luigi), and TCHIHATCHEFF (Pierre de).
- and **Haime** (Jules). Description des Animaux fossiles du
 groupe nummulitique de l'Inde, précédée d'un résumé géologique
 et d'une monographie des Nummulites. 2 copies.
 4to. Paris, 1853-54.
- and **Martin** (Henri). Discours prononcés sur la tombe de M.
 Auguste Viquesnel, le 11 Février, 1867. (Tract.)
 4to. Paris, 1867.
- Arctic Committee of the Royal Society.** See JONES (Thomas Rupert).
- Arctic Exploration.** The Proceedings of the Royal Geographical Society
 when a paper was read on the Exploration of the North Polar Region,
 by Captain Sherard Osborn. (Tract.) 8vo. London, 1865.
- Arctic Searching Expeditions.** Review. (Tract.)
 8vo. Edinburgh, 1852.
- Argentine Republic.** See GEINITZ (Hans Bruno), and KAYSER (Emanuel).
- Argenville** (Antoine Joseph Dezallier d'). L'histoire naturelle éclaircie
 dans deux de ses parties principales, la Lithologie et la Conchy-
 liologie. 4to. Paris, 1742.
- Argy** (— d'). Platin in Frankreich. (Tract.) 8vo. Leipzig, 1834.
- Argyll**, Duke of. Address to the British Association. (Tract.)
 8vo. London, 1856.
- . Address delivered at the Anniversary Meeting of the Geological
 Society of London, 1873. (Tract.) 8vo. London, 1873.
- Aristotle.** ΑΡΙΣΤΟΤΕΛΗΣ. Aristotelis opera omnia, Græce et Latine,
 cum indice nominum et rerum absolutissimo. Vol. iii.
 8vo. Paris, 1854.
- Armstrong** (James). See BRITISH ASSOCIATION. Glasgow Guide
 Books.
- Armstrong** (John). The History of the Island of Minorca.
 8vo. London, 1752.

Armstrong (W. G.), Bell (I. Lowthian), Taylor (John), and Richardson (Dr.). The industrial resources of the district of the three northern Rivers, the Tyne, the Wear, and the Tees, including the reports of the Local Manufactures, read before the British Association in 1863.

8vo. *London and Newcastle-on-Tyne*, 1864.

Arnaud (— d'). See SERIALS, ETC.: PARIS, Société de Géographie.

Arndtsen (Adam). Magnetiske Undersøgelser, anstillede med W. Webers Diamagnetometer. (Tract.) 4to. *Christiania*, 1858.

— On Nickelenselektriske Ledningsmodstand. (Tract.) 4to. *Christiania*, 1858.

Arnott (Neil). On the Smokeless Fire-place, Chimney-valves, and other means, old and new, of obtaining healthful warmth and ventilation.

8vo. *London*, 1855.

Arouet de Voltaire (François Marie). See VOLTAIRE (François Marie Arouet de.).

Artis (Edmund Tyrell). Antediluvian Phytology, illustrated by a collection of the Fossil remains of Plants peculiar to the Coal-formations of Great Britain. 4to. *London*, 1825.

Artoud (Soulange). See BLUMENBACH (J. Fr.).

Ascherson (P.). See VON DER DECKEN (Carl Claus). Reisen in Ost-Africa in 1859–1865.

Ashley (John M.). The Relations of Science.

8vo. *Cambridge and London*, 1855.

Assistance Expedition. See BELCHER (Sir Edward).

Asterio (Pietro). Discorso Aristotelico intorno al Terremoto nuovamente occorso nella fedelissima città di Nap. alli 16 del mese di dicembre 1631. (Tract.) 12mo. *Naples*, 1632.

Astier (J. E.). Catalogue descriptif des Ancyloceras appartenant à l'époque Néocomien d'Escagnolles et des Basses-Alpes. 8vo. *Lyons*, 1851.

Asturias. Minas de Carbon de Piedra de Asturias. (Reconocimiento por una Comision de Facultativos.) 2 copies. 4to. *Madrid*, 1831.

Atherstone (W. Guybon). Geology of Uitenhage. (Tract.) 8vo. *Grahamstown*, 1857.

— A Physician's Holiday, from Grahamstown to the Kasonga. (Tract.) 8vo. *Grahamstown*, 1858.

Atkins (Henry Martin). Ascent to the summit of Mount Blanc on the 22nd and 23rd of August, 1837. 8vo. *London*, 1838.

Atkinson (John J.). See REPORTS, PARLIAMENTARY. Mines.

Atkinson (Thomas Witlaw). Oriental and Western Siberia, and Chinese Tartary. 8vo. *London*, 1858.

Atlantic Ocean. Great North Atlantic Telegraph Route. (Tract.) 8vo. *London*, 1866.

Atthey (Thomas). See KIRKBY (J. W.).

Attumonelli (Michele). Della Eruzione del Vesuvio accaduta nel mese di agosto dell' anno MDCCLXXIX. 8vo. *Naples*, 1779.

Aubuisson de Voisins (J. F. d'). Des Mines de Freiberg en Saxe, et de leur exploitation. 3 vols. 8vo. *Leipzig*, 1802.

— Mémoires sur les Basaltes de la Saxe. 8vo. *Paris*, 1803.

— An Account of the Basalts of Saxony, with observations on the origin of Basalt in general: Translated, with notes, by P. Neill.

8vo. *Edinburgh*, 1814.

- Aubuisson de Voisins** (J. F. d'). *Traité de géognosie, ou exposé des connaissances actuelles sur la constitution physique et minérale du globe terrestre.* 2 vols. 8vo. *Paris*, 1819.
- . *Traité de Geognosie, ou exposé des connaissances actuelles sur la constitution physique et minérale du globe terrestre.* Nouvelle édition revue et corrigée. 3 vols. 8vo. *Paris*, 1828–35.
- * * Tom. ii. et iii. “contenant le développement de toutes les applications de ces connaissances, et mis en rapport avec le premier volume publié en 1828 par M. d'Aubuisson de Voisins; par Amédée Burat.”
- Aucapitaine** (Henri). *Mollusques terrestres et d'eau douce observés dans la Haute Kabylie.* (Tract.) 8vo. *Paris*, 1862.
- Auckland** (New Zealand). *Sketch of the present position of the Province of Auckland, statistically and financially.* (Tract.) 8vo. *London*, 1863.
- Audouin** (Jean-Victor). *Biographical Notice.* See LAMATHIÈRE (Theodore).
- Auerbach** (J. B.). *Гора Борао—Explorations effected under the Auspices of the Imperial Russian Geographical Society in 1854.* With an Introduction by G. Trautschold. (Tract.) 8vo. *St. Petersburg*, 1871.
- , and **Frears** (H.). *Notices sur quelques passages de l'ouvrage de MM. Murchison, E. de Verneuil et le Comte A. de Keyserling: 'Géologie de la Russie d'Europe et des Montagnes de l'Oural.'* (Tract.) 8vo. *Moscow*, 1846.
- Aufermann** (Wilhelm). *Erster Bericht über Wm. Aufermann's Verfahren zur Concentration von Erzen.* (Tract.) 8vo. *New York*, 1861.
- Aufschlager** (Johann Friedrich). *Das Elsass. Neue historisch-topographische Beschreibung der beiden Rhein-Departemente.* 3 vols. 8vo. *Strasburg*, 1825.
- . *L'Alsace. Nouvelle Description historique et topographique des deux départemens du Rhin. Supplément.* 8vo. *Strasburg*, 1828.
- Auldjo** (John). *Narrative of an Ascent to the Summit of Mont Blanc, on the 8th and 9th August, 1827.* (Tract.) 4to. *London*, 1828.
- . *Sketches of Vesuvius, with short accounts of its principal eruptions.* 8vo. *Naples*, 1832.
- . *View of Cape Uncino near the Torre dell' Annunziata, of the Source of the Acqua Vesuviana, and of the remains of a Cypress discovered standing upright in the tufa, 34 feet below the surface of the ground.* (Tract.) 4to. *Naples*, 1833.
- Austen** (H. H. Godwin-). *Descriptions of nine species of *Alyceina* from Assam and the Nágá Hills.* (Tract.) 8vo. *Calcutta*, 1874.
- . *Notes on the Geology of part of the Daffa Hills, Assam; lately visited by the Force under Brigadier-General Stafford.* (Tract.) 8vo. *Calcutta*, 1875.
- . *The Evidence of past Glacial Action in the Nágá Hills, Assam.* (Tract.) 8vo. *Calcutta*, 1875.
- Austen** (John H.). *A Guide to the Geology of the Isle of Purbeck, and the South-west coast of Hampshire.* (Tract.) 2 copies. 8vo. *Blandford*, 1852.

- Austen** (Nathaniel Laurence). *Natural History Papers and Memoir.* Edited by Frank Buckland. 8vo. London?, 1877.
- Austen** (Robert Alfred Cloyne, *afterwards* Godwin-). *On the Geology of the South-east of Devonshire.* (Tract.) 4to. London, 1840.
- . *Figures of Fossils from the Lower Limestones of South Devon.* (Tract.) 4to.
- . *On the Series of Upper Palæozoic Groups in the Boulonnais,* with a note by D. Sharpe. (Tract.) 8vo. London, 1853.
- . See **FORBES** (Edward).
- Austin** (C. E.). *Geological notes on the locality in Siberia where Fossil Fish and *Estheria* have been found.* With a note on *Estheria Midendorffi*, by T. Rupert Jones. (Tract.) 8vo. London, 1863.
- . *On the Cleansing of Rivers.* (Tract.) 8vo. London, 1872.
- . *Undeveloped Resources of Turkey in Asia, with notes on the Railway to India.* (Tract.) 8vo. London, 1878.
- Austin** (Thomas). *On a new Genus of Echinoderm, and observations on the genus *Palæchinus*.* (Tract.) 18vo. London, 1860.
- . *The Millstone Grit, its Fossils, and the Relation it bears to other groups of Rocks, more particularly as it occurs in the Bristol District, and South-west of England generally.* (Tract.) 8vo. London and Bristol, 1865.
- . *On Lower Silurian Rocks in the South-east of Ireland, and on a Human Skeleton in an elevated sea-margin.* (Tract.) 8vo. London, 1860.
- and **Austin** (Thomas, *Jun.*). *A Monograph on recent and fossil Crinoidea.* (Incomplete.) 4to. London and Bristol, 1843.
- Australia.** *Australian Direct Steam Navigation Company, viâ Panama.* Prospectus. (Tract.) 8vo. London, 1853.
- Australian Gold Fields.** Newspaper extract. Sydney, 1861.
- Australia** (South). See **SOUTH AUSTRALIA**.
- Australia** (Western). See **WESTERN AUSTRALIA**.
- Austria.** *Instruzioni per uso de' Medici e Chirurghi incaricati di pubblico servizio negli Imperiali e Reali Stati Austriaci risguardanti le visite giudiziali dei Cadaveri.* (Tract.) 4to. Milan, 1818.
- . *Die Mineralkohlen Oesterreichs. Eine Uebersicht der geologischen, Betriebs- und Absatzverhältnisse. Aus Anlass der Pariser Weltausstellung zusammengestellt im k. k. Ackerbau-Ministerium.* 8vo. Vienna, 1878.
- . *Mining Statistics.* See **ROSSIWALL** (Josef).
- Aveline** (W. T.). See **SURVEYS: ENGLAND and WALES**.
- Avicenna.** See **GEBER**.
- Ayrton** (W. E.). See **PERRY** (John).
- Azaïs** (H.). *Explication des Puits artésiens.* (Tract.) 8vo. Paris, 1841.
- Azara** (Felix de). *Selections from the Natural History of the Quadrupeds of Paraguay and the River la Plata.* Translated with notes by W. Perceval Hunter. 8vo. London, 1837.
- . *Natural History of the Quadrupeds of Paraguay and the River La Plata, translated, with a memoir of the Author, etc. by W. Perceval Hunter.* Vol. I. 8vo. Edinburgh and London, 1838.
- Azara** (Giuseppe Niccola d'). See **BOWLES** (William).

B.

- B * * *** (R.). Crag. (Tract.) 8vo. London, 1866.
- B * * *** (W. of London). A Touchstone for Gold and Silver Wares, or a Manual for Goldsmiths, etc. 8vo. London, 1677.
- Babbage** (Charles). Charge against the late Sir Humphry Davy. See DAVY (John).
- . On the Application of Machinery to the purpose of Calculating and Printing Mathematical Tables. (Tract.) 4to. London, 1822.
- . Table of Logarithms of the natural numbers from 1 to 108,000. 2nd edition. 8vo. London, 1831.
- . On the Economy of Machinery and Manufactures. 8vo. London, 1832.
- . The ninth Bridgewater Treatise: a Fragment. 2nd edition. 8vo. London, 1838.
- . Observations on the Temple of Serapis at Pozzuoli, near Naples. 8vo. London, 1847.
- . Thoughts on the Principles of Taxation, with reference to a Property Tax, and its Exceptions. 3rd edition. (Tract.) 8vo. London, 1852.
- . Of the Constants of Nature. Class Mammalia. (Tract.) 4to. Brussels, 1853.
- . Notice sur la Machine suédoise de MM. Scheutz pour calculer les Tables mathématiques par la Méthode des Différences, etc. (Tract.) 4to. Paris, 1855.
- . An Analysis of the Statistics of the Clearing House during the year 1839. (Tract.) 8vo. London, 1856.
- . A Word to the Wise. Observations on Peerages for Life. (Tract.) 8vo. London, 1856.
- . Observations addressed, at the last anniversary, to the President and Fellows of the Royal Society, after the delivery of the medals [in reference to Messrs. Scheutz's calculating machine]. (Tract.) 8vo. London, 1856.
- . Scheutz's Difference Engine, and Babbage's Mechanical Notation. (Tract.) 8vo. London, 1856.
- . Observations on the discovery in various localities of the Remains of Human Art mixed with the Bones of Extinct Races of Animals. (Tract.) 8vo. London, 1859.
- Babington** (Churchill). See POTTER (T. R.).
- Babington** (William). A Systematic Arrangement of Minerals. 4to. London, 1795.
- . A new System of Mineralogy in the form of a Catalogue. 4to. London, 1799.
- Bach** (J. F.). Introduction à la connaissance des montagnes, des vallées, des lacs et des rivières de la Suisse, etc. Revue par J. B. B. Eyries. (Tract.) 8vo. Paris, 1842.
- Bache** (Alexander Dallas). On the Tides of the Western Coast of the United States.—Tides of San Francisco Bay, California. (Tract.) 8vo. New Haven, 1856.
- . On the Tides of the Atlantic and Pacific Coasts of the United States; the Gulf Stream; and the Earthquake-waves of December 1854. 8vo. New Haven, 1854.

- Bachmann** (Isidor). Quelques remarques sur une note de M. Rénevier, intitulée: "Quelques observations géologiques sur les Alpes de la Suisse centrale (Schwytz, Uri, Unterwalden et Berne) comparées aux Alpes Vaudoises." (Tract.) 8vo. *Berne*, 1869.
- . Beschreibung eines Unterkiefers von *Dinotherium bavaricum*, H. v. Meyer, aus dem Berner Jura. (Schw. paläont. Gesellschaft.) 4to. *Basle and Geneva*, 1875.
- . Fossile Eier aus der obern Süsswassermolasse der Umgebung von Luzern. (Schw. paläont. Gesellschaft.) 4to. *Basle and Geneva*, 1878.
- Back** (George). Narrative of the Arctic Land Expedition to the mouth of the Great Fish River, and along the shores of the Arctic Ocean, in the years 1833, 1834, and 1835. 8vo. *London*, 1836.
- Backwell** (Joseph). An Introduction to the Study of Mineralogy, or Students Pocket Companion. 8vo. *Halifax*, 1826.
- Bacon** (Francis), *Lord Verulam*. Biographical Notice. See **LIEBIG** (Justus von).
- Baddeley** (F. F.). A new Instrument for taking Specific Gravities. (Tract.) 8vo. *New Haven*, 1830.
- . On the red colour of flame as produced by Strontian, and as characteristic of minerals of that genus. (Tract.) 8vo. *New Haven*, 1830.
- . Mineralogical examination of the Sulphate of Strontian from Kingston, Upper Canada. (Tract.) 8vo. *New Haven*, 1830.
- . A geological sketch of the most south-eastern portion of Lower Canada. (Tract.) 8vo. *Quebec*, 1837.
- . On the Magdalen Islands, being the substance of four reports. (Tract.) 8vo. *Quebec*, 1837.
- Baden**. Beiträge zur Statistik der inneren Verwaltung des Grossherzogthums Baden. Heft xxiii. and xxv. Geologische Beschreibung der Umgebungen von Waldshut, [und] von Lahr und Offenburg. Herausgegeben von dem Handels-Ministerium. 4to. *Carlsruhe*, 1867.
- . Pièces relatives à l'établissement des Bains gazeux aux thermes de Baden en Suisse, en 1824. (Tract.) 8vo. *Aarau*?, 1824.
- Baer** (Carl Ernst von). De fossilium mammalium reliquis in Prussia adjacentibusque regionibus repertis. (Tract.) 4to. *Königsberg*, 1823.
- . Kaspische Studien. (Tract.) 8vo. *St. Petersburg*, 1855.
- and **Helmersen** (G. von). Beiträge zur Kenntniss des russischen Reiches und der angränzenden Länder Asiens. Vol. xxi. Geognostische Untersuchungen im mittleren Russland, von G. von Helmersen and R. Pacht. 8vo. *St. Petersburg*, 1858.
- Bagot** (Andrew H.). Exhibition of 1865. Reply to letter of G. W. Maunsell, Esq., of 21st October, 1865. (Tract.) 8vo. *Dublin*?, 1865.
- Baier** (Johann Jacob). ΟΡΥΚΤΟΓΡΑΦΙΑ Norica, sive rerum fossilium et ad minerale regnum pertinentium in territorio Norimbergensi ejusque vicinia observatarum succincta descriptio. 4to. *Nuremberg*, 1708.
- . ———. Cum supplementis A. MDCCXXX. editis. 4to. *Nuremberg*, 1758.

- Baier** (Johann Jacob). Monumenta rerum petrificatarum præcipua oryctographiæ Noricæ, supplementi loco iungenda, interprete filio Ferdinando Jacobo Baiero. 4to. *Nuremberg*, 1757.
- Bailey** (L. W.). Observations on the Geology of Southern New Brunswick. 8vo. *Frederickton*, 1865.
- Bailly** (Jean Sylvain). Lettres sur l'Atlantide de Platon et sur l'ancienne Histoire de l'Asie; pour servir de suite aux lettres sur l'origine des sciences, adressées à M. de Voltaire par M. Bailly. 8vo. *London and Paris*, 1779.
- Baily** (Francis). Biography. See **HERSCHEL** (*Sir John Frederick William*).
- . An account of the Rev. John Flamsteed, the first Astronomer-Royal... to which is added his British Catalogue of Stars, corrected and enlarged. With Supplement. 2 vols. 4to. *London*, 1835–37.
- . Experiments with the torsion rod, for determining the mean density of the earth. 4to. *London*, 1843.
- Baily** (William HELLIER). Description of some Cretaceous Fossils from South Africa. (Tract.) 8vo. *London*, 1855.
- See also **GARDEN** (R. J.).
- . Descriptions of Fossil Invertebrata from the Crimea. (Tract.) 8vo. *London*, 1858.
- . On the occurrence of some characteristic Graptolites and other fossils, indicating certain divisions of the Lower Silurian Rocks in the counties of Meath, Tipperary, and Clare. (Tract.) 8vo. *London*, 1862.
- . Remarks on some Coal-measure Crustacea belonging to the genus *Belinurus*, König., with descriptions of two new species from Queen's County, Ireland. (Tract.) 8vo. *London*, 1863.
- . Figures of Characteristic British Fossils, with descriptive remarks. Vol. i. Palæozoic. 2 copies. 8vo. *London*, 1875.
- . See **HULL** (Edward).
- Bain** (A. G.). Geology of South Africa. (Tracts.) 8vo. *Grahamstown*, 1856–57.
- Baird** (S. F.). See **RED RIVER** and **SURVEYS: CALIFORNIA**.
- Baird** (W.). The Natural History of the British Entomostraca. (Ray Society.) 8vo. *London*, 1850.
- . See **BRITISH MUSEUM**.
- Baker** (Henry). An Attempt towards a Natural History of the Polype. 8vo. *London*, 1743.
- Baker** (James P.). See **REPORTS, PARLIAMENTARY. Mines**.
- Baker** (John Gilbert). The Flowering Plants and Ferns of Great Britain: an attempt to classify them according to their Geognostic relations. (Tract.) 8vo. *London*, 1855.
- Baker** (Thomas). Practical Survey of the Geology, Mineralogy, and Historical Events of the District of Dudley, etc. 8vo. *Birmingham*, 1848.
- Baker** (W.). The Cannington Park Limestone. (Tract.) 8vo.
- Baker** (W. E.). Memoir on the Fossil Remains presented to the Museum of Natural History at Ludlow. (Tract.) 8vo. *Ludlow*, 1850.

- Bakewell** (F. C.). *Geology for Schools and Students; or former Worlds, their Structure, Condition, and Inhabitants.* 8vo. *London*, 1854.
- . *Considerations respecting the Figure of the Earth, in relation to the action of Centrifugal Force, etc.* (Tract.) 8vo. *London*, 1862.
- . *A Dynamical Theory of the Figure of the Earth, proving the Poles to be elongated.* (Tract.) 8vo. *London*, 1867.
- Bakewell** (Robert). *Travels; comprising observations made during a residence in the Tarentaise and various parts of the Grecian [Graian] and Pennine Alps, and in Switzerland and Auvergne in the years 1820, 1821, and 1822.* 2 vols. 8vo. *London*, 1823.
- . *On the Falls of Niagara, and on the Physical Structure of the adjacent country.* (Tract.) 8vo. *London*, 1830.
- . *An Introduction to Geology, illustrative of the General Structure of the Earth.* 8vo. *London*, 1813.
- . ———. 4th edition. 8vo. *London*, 1833.
- . ———. 5th edition. 8vo. *London*, 1838.
- Bald** (Robert). *On the Temperature of Air and of Water in the Coal-mines of Great Britain, particularly in those which are of the greatest depth.* (Tract.) 8vo. *Edinburgh*, 1819.
- Baldassari** (Giuseppe). *Osservazioni sopra il sale della Creta, con un saggio di produzioni naturali dello Stato senese.* (Tract.) 8vo. *Sienna*, 1750.
- Balfour** (Edward). See **REPORTS, COLONIAL. India.**
- Balfour** (John Hutton). *A Manual of Botany.* 8vo. *London*, 1849.
- . *Biography of the late Professor Edward Forbes.* (Tract.) 8vo. *Edinburgh*, 1855.
- Ball** (John). *On the Formation of Alpine Lakes.* (Tract.) 8vo. *London*, 1863.
- . *A Guide to the Eastern Alps.* 8vo. *London*, 1870.
- . *The Central Alps.* 8vo. *London*, 1873.
- . *A Guide to the Western Alps.* 8vo. *London*, 1873.
- Ball** (Robert). *Annual Address delivered before the Geological Society of Dublin, February 16, 1853. With an Appendix, containing the Titles of Papers read before the Geological Society of Dublin to 1853.* (Tract.) 8vo. *Dublin*, 1853.
- Ball** (Valentine). *On Stilbite from veins in Metamorphic (Gneiss) rocks in Western Bengal.* (Tract.) 8vo. *Dublin*, 1879.
- . *On the Forms and Geographical Distribution of Ancient Stone Implements in India.* (Tract.) 8vo. *Dublin*, 1879.
- Balot**. *Notice géologique sur la Baume de Balot.* (Tract.) 8vo. *Bar-sur-Seine*.
- Baly** (Joseph S.). See **BRITISH MUSEUM.**
- Bammarata** (Carologirn). *Quarta relatione de lu lacrimusu successu alle 30 de Maiu 1669, di lu focu di Mongibeddu, in terza rima Siciliana.* (Tract.) 8vo. *Naples*, 1669?
- Barante** (C. J.). *Essai sur le Département de l'Aude.* 8vo. *Geneva*, 1803.
- Barba** (Albaro Alonso). *A Treatise of Metals, Mines, etc., translated by the Earl of Sandwich.* See **METALS, MINES, AND MINERALS.**

- Barboza du Bocage** (José Vicente) and **Capello** (Felix de Brito). Apon-
tamentos para a Ichthyologia de Portugal. Peixes Plagiostomos.
1ra parte. Esqualos. (Tract.) 4to. *Lisbon*, 1866.
- Bárcena** (Mariano). Descubrimiento de una nueva especie mineral de
México. (Tract.) 4to. *Mexico*, 1874.
- . Viaje a la laverna de Cacahuamilpa: datos para la Geologia y la
Flora de los Estados de Morelos y Guerrero. (Tract.)
8vo. *Mexico*, 1874.
- . Datos para el estudio de las rocas mesozoicas de México y sus
fósiles característicos. (Tract.) 8vo. *Mexico*, 1875.
- . Descripcion de un Crustaceo fosil del genero *Spheroma*.
8vo. *Mexico*, 1875.
- Barelli** (Vincenzo). Cenni di statistica mineralogica. 8vo. *Turin*, 1835. —
- Baretti** (Giuseppe). See DICTIONARIES: Italian and English.
- Baretti** (M.). See GASTALDI (B.).
- Barkas** (Thomas Phillister). Results of the Fossil-gathering from the
Northumberland Low Main Coal-shale. 8vo. *Newcastle*, 1868.
- . Atlas of Carboniferous fossils from the Northumberland Carbo-
niferous Strata. Fol. *London*, 1873.
- . Illustrated Guide to the Fish, Amphibian, Reptilian, and sup-
posed Mammalian remains of the Northumberland Carboniferous
strata. 8vo. *London*, 1873.
- Barkas** (W. J.). List of Palæozoic Fishes. (Tract.)
8vo. *London*, 1874.
- . The Microscopical Structure of Fossil Teeth from the Northum-
berland true Coal-measures. (Imperfect.) 8vo. *London*, 1874.
- . *Ctenacanthus*, a spine of *Hybodus*. (Tract.)
8vo. *Sydney*, 1877.
- . On a Dental Peculiarity of the Lepidosteidae. (Tract.)
8vo. *Sydney*, 1877.
- . I. On the Genus *Ctenodus*. II. On the Microscopic Structure
of the Mandibular and Palatal Teeth of *Ctenodus*. III. On the
Vomerine Teeth of *Ctenodus*. IV. On the Dentary, Articular, and
Pterygo-palatine Bones of *Ctenodus*. V. On the Sphenoid, Cranial
Bones, Operculum, and supposed Ear-bones of *Ctenodus*. VI. On
the Scapula (?), Coracoid, Ribs, and Scales of *Ctenodus*. (Tracts.)
8vo. *Sydney*, 1877.
- . Two new Palæozoic Hybodont Teeth. 2 copies.
8vo. *London*, 1878.
- Barker** (Henry Aston). A short Description of the Island of Elba, and
town of Porto Ferrajo. (Barker's Panorama.) (Tract.)
8vo. *London*, 1815.
- Barlow** (Henry Clark). Critical, Historical, and Philosophical Contri-
butions to the Study of the Divina Commedia. 8vo. *London*, 1864.
- Barlow** (Peter William). On some peculiar Features of the Water-
bearing strata of the London basin. (Tract.) 8vo. *London*, 1855.
- Barral** (P. de). Mémoire sur l'histoire naturelle de l'île de Corse.
8vo. *London and Paris*, 1783.
- . See BREISLAK (Scipion).
- Barrande** (Joachim). Notice préliminaire sur le Système Silurien et les
Trilobites de Bohême. (Tract.) 8vo. *Leipzig*, 1846.

- Barrande** (Joachim). Nouveaux Trilobites; supplément à la Notice préliminaire sur le Système Silurien et les Trilobites de Bohême. (Tract.) 8vo. *Prague*, 1846.
- . Graptolites de Bohême. 8vo. *Prague*, 1850.
- . Système Silurien du Centre de la Bohême. Vols. i.-v. Texte et Planches (16 vols.). (Vol. i. Text and Plates, and Vol. ii. Text and Plates 351-460 in duplicate.) 4to. *Prague*, 1852, etc.
- . Observations sur les rapports de la Stratigraphie et de la Paléontologie. (Tract.) 8vo. *Paris*, 1854.
- . Ascoceras, prototype des Nautilides. (Tract.) 8vo. *Paris*, 1855.
- . Note sur le remplissage organique du siphon dans certains Céphalopodes paléozoïques. (Tract.) 8vo. *Paris*, 1855.
- . Caractères distinctifs des Nautilides, Goniatides et Ammonitides : établissement du genre *Nothoceras*. (Tract.) 8vo. *Paris*, 1856.
- . Parallèle entre les dépôts Siluriens de Bohême et de Scandinavie. (Tract.) 4to. *Prague*, 1856.
- . Extension de la Faune Primordiale de Bohême. (Tract.) 8vo. *Paris*, 1857.
- . Observations sur quelques genres de Céphalopodes Siluriens. (Tract.) 8vo. *Paris*, 1857.
- . Dépôt organique dans les loges aériennes des Orthocères. (Tract.) 2 copies. 8vo. *Paris*, 1859.
- . Etat actuel des connaissances acquises sur la faune primordiale. (Tract.) 8vo. *Paris*, 1859.
- . Colonies dans le bassin Silurien de la Bohême. (Tract.) 8vo. *Paris*, 1860.
- . On the Primordial Fauna and the Taconic System: with additional notes by Jules Marcou. (Tract.) 8vo. *Boston*, 1860.
- . Troncature normale ou périodique de la coquille dans certains Céphalopodes paléozoïques. (Tract.) 8vo. *Paris*, 1860.
- . Documents anciens et nouveaux sur la faune primordiale et le Système Taconique en Amérique. (Tract.) 8vo. *Paris*, 1861.
- . Défense des Colonies. i.-iv. 8vo. *Prague and Paris*, 1861-70.
- . Assentiment du professeur James Hall et autres documents nouveaux, au sujet de la faune primordiale en Amérique. (Tract.) 8vo. *Paris*, 1862.
- . Existence de la faune seconde Silurienne en Belgique. (Tract.) 8vo. *Paris*, 1862.
- . Réponse à M. d'Omalus, au sujet des fossiles Siluriens de la Belgique. (Tract.) 2 copies. 8vo. *Paris*, 1862.
- . Céphalopodes Siluriens de la Bohême. Introduction. (Tract.) 8vo. *Prague and Paris*, 1867.
- . Ptéropodes Siluriens de la Bohême. Introduction. (Tract.) 8vo. *Prague and Paris*, 1867.
- . Groupement des Orthocères. (Tract.) 8vo. *Prague and Paris*, 1868.
- . I. Réapparition du genre *Arethusina*, Barr. II. Faune Silurienne des environs de Hof, en Bavière. (Tract.) 8vo. *Prague and Paris*, 1868.

- Barrande** (Joachim). Distribution des Céphalopodes dans les contrées Siluriennes. 8vo. *Prague and Paris*, 1870.
- . Trilobites. Extrait du Supplément au vol. I. du 'Système Silurien du centre de la Bohême.' 8vo. *Prague and Paris*, 1871.
- . Crustacés divers et Poissons des dépôts Siluriens de la Bohême. (Tract.) 8vo. *Prague and Paris*, 1872.
- . Céphalopodes. Etudes Générales. Extraits du 'Système Silurien du centre de la Bohême.' (Tract.) 8vo. *Prague and Paris*, 1877.
- . Brachiopodes. Etudes locales. Extraits du 'Système Silurien du centre de la Bohême.' Vol. V. Brachiopodes. 8vo. *Prague and Paris*, 1879.
- . See PRADO (Casiano de) and NICOL (James).
- , **Logan** (Sir William), and **Hall** (James). Correspondence on the Taconic System, and the age of the fossils found in the rocks of Northern New England and the Quebec group of rocks. (Tract.) 8vo. *New Haven*, 1861.
- Barrett** (Lucas). See SAWKINS (James G.).
- Barrois** (Charles). Comparaison des assises Crétacées mises au jour dans les tranchées du chemin de fer de Saint-Omer à Boulogne avec celles du Blanc-nez. (Tract.) 8vo. *Lille*, 1872.
- . Notice sur la faune marine du terrain houiller du bassin septentrional de la France. (Tract.) 8vo. *Paris*, 1874.
- . Sur le *Byssacanthus Gosseleti*, plagiostome du Dévonien de l'Ardenne. (Tract.) 2 copies. 8vo. *Lille*, 1874.
- . Sur le Gault et sur les couches entre lesquelles il est compris dans le bassin de Paris. (Tract.) 8vo. *Lille*, 1874.
- . Description géologique de la Craie de l'Isle de Wight. (Tract.) 8vo. *Paris*, 1875.
- . L'Aachénien et la limite entre le Jurassique et le Crétacé dans l'Aisne et les Ardennes. (Tract.) 8vo. *Paris*, 1875.
- . L'âge des couches de Blackdown (Devonshire). (Tract.) 8vo. *Lille*, 1875.
- . L'âge des "Folkestone beds" du Lower Greensand. (Tract.) 8vo. *Lille*, 1875.
- . La zone à *Belemnites plenus*. Etude sur le Cénomanién et le Turonien du bassin de Paris. (Tract.) 2 copies. 8vo. *Lille*, 1875.
- . Le Gault dans le bassin de Paris. (Tract.) 8vo. *Paris*, 1875.
- . Ondulations de la Craie dans le sud de l'Angleterre. (Tract.) 8vo. *Lille*, 1875.
- . La dénudation des Wealds et le Pas-de-Calais. (Tract.) 8vo. *Lille*, 1876.
- . L'âge de la pierre de Totternhoe. (Tract.) 8vo. *Lille*, 1876.
- . L'Eocène supérieur des Flandres. (Tract.) 8vo. *Lille*, 1876.
- . Recherches sur le terrain Crétacé supérieur de l'Angleterre et de l'Irlande. 4to. *Lille*, 1876.
- . Note préliminaire sur le terrain Silurien de l'ouest de la Bretagne. (Tract.) 8vo. *Lille*, 1877.
- . Note sur les traces de l'époque glaciaire en quelques points des côtes de la Bretagne. (Tract.) 8vo. *Lille*, 1877.
- . Note sur le terrain Dévonien de la Rade de Brest. (Tract.) 8vo. *Lille*, 1877.

- Barrois** (Charles). Les Sables de Sissonne (Aisne) et les alluvions de la vallée de la Souche. (Tract.) 8vo. *Lille*, 1878.
- . Mémoire sur le terrain Crétacé des Ardennes et des régions voisines. (Tract.) 8vo. *Lille*, 1878.
- . A geological sketch of the Boulonnais. (Tract.) 8vo. *London*, 1879.
- . Discours présidentiel à la séance extraordinaire du 22 Juin, 1879 à Lens. (Tract.) 8vo. *Lille*, 1879.
- . Le marbre griotte des Pyrénées. (Tract.) 8vo. *Lille*, 1879.
- . Mémoire sur le terrain Crétacé du bassin d'Oviedo, Espagne, et Appendice paléontologique : Description des Echinides par G. Cotteau. 8vo. *Paris*, 1879.
- . Sur l'étendue du système tertiaire inférieur dans les Ardennes et sur les argiles à silex. (Tract.) 8vo. *Lille*, 1879.
- and **Guerne** (Jules de). Description de quelques espèces nouvelles de la Craie de l'Est du bassin de Paris. (Tract.) 8vo. *Lille*, 1878.
- Barrow** (John). An account of Travels into the interior of Southern Africa, in the years 1797 and 1798. 2 vols. 4to. *London*, 1801.
- Barruel** (J. P.). Some account of the Human Fossil Skeleton found in the Département de Seine-et-Marne, and now exhibiting in Paris. Translated with notes. (Tract.) 8vo. *Dublin*, 1825.
- Barry** (Charles). See **REPORTS: PARLIAMENTARY**. Building Stones.
- Barry** (Sir Redmond). Address on the opening of the School of Mines, at Ballarat, Victoria. (Tract.) 8vo. *Melbourne*, 1870.
- Barry** (—). A trip to the [South African] Diamond Fields. (Tract.) 8vo. *London*, 1871.
- Barton** (Benjamin Smith). A discourse on some of the principal desiderata in Natural History, and on the best means of promoting the study of this science, in the United States. (Tract.) 2 copies. 8vo. *Philadelphia*, 1807.
- Bartlett** (Thomas). A treatise on British Mining, etc. 8vo. *London*, 1850.
- Bartlett** (T. O.). Catalogue [sale] of his very valuable collection of stuffed birds, rare fossils, etc. (Tract.) 8vo. *Swanage*, 1841.
- * * * See **Proc. Geol. Soc.** No. 13.
- Barton** (Richard). Lectures in Natural Philosophy. 4to. *Dublin*, 1751.
- Basaltic Mountains**. 50 plates, engraved by J. Leonardi. Fol. *London?*, 1807.
- Basset** (C. A.). See **PLAYFAIR** (John).
- Basterot** (B. de). Mémoire géologique sur les environs de Bordeaux. 1re partie. 4to. *Paris*, 1825.
- Bateman** (John). An account of sundry experiments made to ascertain the specific gravity and thickness of the different strata, or layers of coal, &c. in the Bannock, Main, and Six Quarters bands, or seams of coal in Howgill and Whingill Coallieries, near Whitehaven. (Tract.) Manuscript, 1793.
- Bathoe** (Charles). Conformation of the Alps. (Tract.) 8vo. *London*, 1862.
- Bathurst** (C.). On the Country between Bedford and Stamford. (Tract.) MS.

- Batsch** (A. J. G. C.). Taschenbuch für topographische Excursionen in die umliegende Gegend von Jena. 2 vols. 8vo. *Weimar*, 1800–02.
- Baudon** (Auguste). Catalogue des Mollusques du département de l'Oise. (Tract.) 8vo. *Beauvais*, 1853.
- . Notice sur quelques Térébratules du Calcaire grossier, non décrites jusqu'à ce jour. (Tract.) 8vo. *Beauvais*, 1855.
- Bauerman** (Hilary). A treatise on the Metallurgy of Iron. 8vo. *London*, 1868.
- . Note on the New deep Adit in the Upper Harz Mines. (Tract.) 8vo. *London*, 1868.
- . Coal [from the Encyclopædia Britannica, 9th edit.). 4to. *London*, 1877.
- . See SURVEYS: GREAT BRITAIN. Museum of Practical Geology.
- Bauernfeind** (Carl Maximilian). Die Bedeutung moderner Gradmessungen. Vortrag in der öffentlichen Sitzung der k. (bayerischen) Akademie der Wissenschaften am 25. Juli 1866 gehalten. 4to. *Munich*, 1866.
- Baxendell** (Joseph). On the "Iris Diaphragm," for determining star magnitudes. (Tract.) 8vo. *Manchester*?, 1863.
- Bayan** (F.). Etudes faites dans la collection de l'Ecole des Mines sur les Fossiles nouveaux ou mal connus. 1^{re} fascicule. Mollusques tertiaires. (Tract, lith.) 4to. *Paris*, 1870.
- . Observations sur la coupe des terrains du Bas-Bugey donnée par M. Falsan. (Tract.) 8vo. *Paris*, 1873.
- . (Observations sur les études faites dans la collection de l'Ecole des Mines sur des fossiles nouveaux ou mal connus.) (Tract.) 8vo. *Paris*, 1873.
- . (Synonymie.) (Tract.) 8vo. *Paris*, 1873.
- . Sur la succession des assises et des faunes dans les terrains jurassiques supérieurs. (Tract.) 8vo. *Paris*, 1874.
- . Sur quelques fossiles paléozoïques de Chine. (Tract.) 8vo. *Paris*, 1874.
- Bäyer** (Adolf). Ueber die chemische Synthese: Festrede . . . gehalten in der öffentlichen Sitzung der k. b. Akademie der Wissenschaften zu München, 1878. 4to. *Munich*, 1878.
- Bayer** (Joseph). Topographisches Handbuch vom mährisch-schlesischen Gouvernement zum nützlichen Gebrauche für Geschäftsmänner und Privatpersonen. 8vo. *Brünn and Ollmütz*, 1817.
- Bayfield** (Henry Wolsey). Sailing Directions for the Gulf and River of St. Lawrence. (Tract.) 8vo. *London*, 1837.
- Baylee** (Joseph). Moses, and his Misinterpreters: Geology, and her Misinterpreters: the Word of God, and its Infallible Truth. (Tract.) 8vo. *Liverpool*, no date.
- Bayo** (Joaquin Ezquerria del). See EZQUERRA DEL BAYO (Joaquin).
- Bazus** (Baron de). See LAPEIROUSE (Picot de).
- 'Beagle' and 'Adventure' Expedition. The Zoology of the Voyage of H.M.S. 'Beagle,' during the years 1832–1836. Edited by Charles Darwin. Fossil Mammalia described by Richard Owen, with a geological introduction by Charles Darwin. 4to. *London*, 1838.

- 'Beagle' and 'Adventure' Expedition.** Part II. Mammalia, by George R. Waterhouse, and Fish, by Charles Darwin. Part III. Birds, by John Gould. 2 vols. 4to. *London*, 1839.
- . Narrative of the Surveying Voyages of H.M.S.S. *Adventure* and *Beagle*, describing their Examination of the Southern Shores of South America. Vol. III. Journal and Remarks, 1832–1836. By C. R. Darwin. 8vo. *London*, 1839.
- . See DARWIN (Charles).
- Beardmore** (Nathaniel). Improvement and Drainage of the Metropolis. Suggestions for a New Street through the City of London, with a leading Aqueduct, Sewer, &c. (Tract.) 8vo. *London*, 1850.
- . Hydraulic Tables. 8vo. *London, Edinburgh, Liverpool, etc.*, 1852.
- . Manual of Hydrology. 8vo. *London*, 1862.
- Beaufort** (Francis). Karamania, or a Brief description of the South Coast of Asia Minor, and of the Remains of Antiquity. 2nd edition. 8vo. *London*, 1818.
- . Memoir of a Survey of the Coast of Karamania, made in 1811 and 1812. (Tract.) 2 copies. 8vo. *London*, 1820.
- . See ADMIRALTY PUBLICATIONS.
- Beaufoy** (Mark). Nautical and Hydraulic Experiments, with Numerous Scientific Miscellanies. Vol. I. 4to. *London*, 1834.
- Beaulieu** (—). See DELESSE (Achille).
- Beaumont** (L. Elie de). See ELIE DE BEAUMONT (L.).
- Beautemps-Beaupré** (C. F.) and **Daussy** (P.). Exposé des travaux relatifs à la reconnaissance hydrographique des côtes occidentales de France, suivi d'un précis des opérations géodésiques. 4to. *Paris*, 1829.
- Beavan** (Hugh J. C.). See POUCHET (Georges).
- Becher** (Johann Philipp). Mineralogische Beschreibung der oranien-nassauischen Lande nebst einer Geschichte des siegenschen Hütten- und Hammerwesens. 8vo. *Marburg*, 1789.
- Bechi** (E.). Studi sulla formazione dei Soffioni boraciferi e nuovi metodi praticati in Toscana per ottenere dai medesimi, etc. (Tract.) 8vo. *Florence*, 1858.
- Bechler** (Gustavus R.). Geographical Report on the Middle and South Parks, Colorado, and adjacent Country. (Tract.) 8vo. *Washington*, 1877.
- Beck** (Joseph). See LUBBOCK (Sir John).
- Beck** (Lewis C.). See NEW YORK (Natural History of).
- Becker** (Friedrich). See SERIALS, etc.: Hanau. Wetterauische Gesellschaft; and SURVEYS: HESSE.
- Becker** (Wilhelm Gottlob Ernst). Ueber die Flötzgebirge im südlichen Polen, besonders in Hinsicht auf Steinsalz und Soole. (Tract.) 8vo. *Freiburg*, 1830.
- Beckles** (S. H.). The Sea-Beach Question. (Tract.) 8vo. *Hastings*, 1870.
- Béclard** (P. A.). See BICHAT (Xavier).
- Becquerel** (Antoine César). Note sur les variétés de forme de Chaux carbonatée observées dans le calcaire de Clamecy. (Tract.) 4to. *Paris*, 1819.
- . Note sur une couche de Lignite renfermant du Succin et des cristaux d'une substance qui paroît analogue au Mellite, trouvée récemment à Auteuil. (Tract.) 4to. *Paris*, 1819.

- Becquerel** (Antoine César). Mémoire sur l'argile plastique d'Auteuil, et sur les substances qui l'accompagnent. (Tract.)
4to. *Paris*, 1821.
- . Künstlich krystallisirtes Schwefelblei. (Tract.)
8vo. *Leipzig*, 1834.
- Beesley** (Thomas). A Sketch of the Geology of the neighbourhood of Banbury. (Tract.) 2 copies. 8vo. *Banbury*, 1872.
- . On the Geology of the Eastern Portion of the Banbury and Cheltenham Direct Railway. (Tract.) 8vo. *London*, 1877.
- Beetz** (W.). Der Antheil der k. bayerischen Akademie der Wissenschaften an der Entwicklung der Electricitätslehre. (Tract.)
4to. *Munich*, 1873.
- Behrens** (H.). The Natural History of Hartz-Forest, in His Majesty King George's German Dominions. 8vo. *London*, 1730.
- Beilby** (J. Wood). Reasons suggestive of Mining on Physical Principles for Gold and Coal. 8vo. *Melbourne*, 1875.
- Beinert** (C. C.) and **Göppert** (H. R.). Abhandlung über die Beschaffenheit und Verhältnisse der fossilen Flora in den verschiedenen Steinkohlen-Ablagerungen eines und desselben Reviers.
4to. *Leyden*, 1849.
- Beke** (Charles Tilstone). Origines Biblicæ: or Researches in Primeval History. Vol. I. 8vo. *London*, 1834.
- . On the Geological Evidence of the Advance of the Land at the head of the Persian Gulf. (Tract.) 8vo. *London*, 1835.
- . Views in Ethnography, the Classification of Languages, the Progress of Civilization, and the Natural History of Man. (Tract.)
8vo. *Edinburgh*, 1835.
- . On the former Extent of the Persian Gulf, and on the comparatively recent union of the Tigris and Euphrates. (Tract.)
8vo. *London*, 1836 ?
- . ———. New edition. (Tract.) 8vo. *London*, 1863.
- . On the Complexion of the Ancient Egyptians. (Tract.)
8vo. *London*, 1836.
- . On the former Extent of the Persian Gulf, and on the Non-identity of Babylon and Babel. (Tract.) 8vo. *London*, 1836.
- . Additional remarks on the former extent of the Persian Gulf, and on the distinction between Babel and Babylon. (Tract.)
8vo. *London*, 1837.
- . On the Alluvia of Babylonia and Chaldæa. (Tract.) 2 copies.
8vo. *London*, 1839.
- . An enquiry into M. Antoine d'Abbadie's journey to Kaffa in the years 1843 and 1844, to discover the Source of the Nile. (Tract.)
8vo. *London*, 1850.
- . ———. Second edition. (Tract.) 8vo. *London*, 1851.
- . A summary of recent Nilotic Discovery. (Tract.)
8vo. *London*, 1851.
- . Reasons for returning the Gold Medal of the Geographical Society of France, and for withdrawing from its membership. (Tract.)
8vo. *London*, 1851.
- . On the Mountains forming the eastern side of the Basin of the Nile, etc. (Tract.) 8vo. *Edinburgh*, 1861.

- Beke** (Charles Tilstone). A few words with Bishop Colenso on the subject of the Exodus of the Israelites and the position of Mount Sinai. (Tract.) 8vo. London, 1862.
- . Who discovered the Sources of the Nile? A letter to Sir R. Murchison, etc. (Tract.) 8vo. London, 1863.
- . ———. 2nd edition. (Tract.) 8vo. London, 1863.
- . A lecture on the Sources of the Nile, &c. (Tract.) 8vo. London, 1864.
- . Mount Sinai a Volcano. (Tract.) 8vo. London, 1873.
- Belcher** (Sir Edward). The last of the Arctic voyages; being a narrative of the Expedition in H.M.S. *Assistance*, under the command of Capt. Sir Edward Belcher, C.B., in search of Sir John Franklin, during the years 1852–3–4. With notes on the Natural History, by Sir John Richardson, Professor Owen, Thomas Bell, J. W. Salter, and Lovell Reeve. 2 vols. 8vo. London, 1855.
- . See ADMIRALTY PUBLICATIONS.
- Belgium**. Mining Industries and Coal trade of Belgium. (Tract.) 8vo. London, 1863.
- Belgrand** (E.). Histoire générale de Paris. La Seine. 4to. Paris, 1869.
- . La Seine; études hydrologiques. Atlas. 4to. Paris, 1872–73.
- Bell** (Alfred). Catalogue des Mollusques fossiles des marnes bleues de Biot, près Antibes, Alpes-Maritimes. (Tract.) 8vo. Paris, 1870.
- . On some new or little-known Shells, &c. of the Crag Formations. (Tract.) 8vo. London, 1870.
- . Contributions to the Crag-Fauna. Part ii. (Tract.) 8vo. London, 1871.
- . The English Crag. (Tract.) 8vo. London, 1872.
- and **Bell** (Robert). The English Crag, and their stratigraphical divisions indicated by their Invertebrate Fauna. (Tract.) 8vo. London, 1871.
- Bell** (Isaac Lowthian). See ARMSTRONG (W. G.).
- Bell** (John). The art-treatment of Granitic Surfaces. (Tract.) 8vo. London, 1860.
- Bell** (Robert). See BELL (Alfred).
- Bell** (Thomas). Addresses read at the Anniversary Meetings of the Linnean Society, May 24, 1854, and May 24, 1855. (Tracts.) 8vo. London, 1854–55.
- . *Horæ Carcinologicae*. A monograph of the Leucosiadæ. (Tract.) 4to. London, 1855.
- . A Monograph of the Fossil Malacostracous Crustacea of Great Britain. (Palæontographical Society.) 4to. London, 1857.
- . See BELCHER (Sir Edward), BURMEISTER (Hermann), BRITISH MUSEUM, OWEN (Richard), and SERIALS, etc. LONDON. Palæontographical Society.
- Bellardi** (Luigi). Description des Cancellaires fossiles des terrains du Piémont. (Tract.) 4to. Turin, 1841.
- . Monografia delle Pleurotome fossili del Piemonte. (Tract.) 4to. Turin, 1847.
- . Monografia delle Columbelle fossili del Piemonte. (Tract.) 4to. Turin, 1848.

- Bellardi** (Luigi). Catalogue raisonné des fossiles nummulitiques du Comté de Nice, avec la collaboration de MM. E. Sismonda, d'Archiac, et Jules Haime. (Tract.) 4to. *Paris*, 1850.
- . Monografia delle Mitre fossili del Piemonte. (Tract.) 2 copies. 4to. *Turin*, 1850.
- . Catalogo ragionato dei fossili nummulitici d'Egitto della raccolta del Regio Museo Mineralogico di Torino. (Tract.) 4to. *Turin*, 1854.
- . I Molluschi dei terreni Terziari del Piemonte e della Liguria. Parte I. 4to. *Turin*, 1872.
- . See LESSONA (M.).
- and **Michelotti** (Giovanni). Saggio orittografico sulla Classe dei Gasteropodi fossili dei terreni Terziari del Piemonte. (Tract.) 4to. *Turin*, 1840.
- Bellefonds** (— Linant de). See LINANT DE BELLEFONDS (—).
- Bellucci** (Giuseppe). Avanzi dell' epoca preistorica dell' uomo nel territorio di Terni. (Tract.) 8vo. *Milan*, 1870.
- . Spedizione Italiana nella Reggenza di Tunisi. (Tract.) 8vo. *Milan*?, 1875.
- Belpaire** (B.). Mémoire sur les changements que la côte d'Anvers à Boulogne a subis, tant à l'intérieur qu'à l'extérieur, depuis la conquête de César jusqu'à nos jours. (Tract.) 4to. *Paris*, 1827.
- Belt** (Thomas). Mineral Veins: an enquiry into their origin, founded on a study of the Auriferous Quartz veins of Australia. (Tract.) 8vo. *London*, 1861.
- . The Production and Preservation of Lakes by Ice Action. (Tract.) 8vo. *Halifax, N. S.*?, 1865.
- . The Glacial Period in North America. 2 copies. (Tracts.) 8vo. *Halifax, N. S.*, 1866.
- . On some new Trilobites from the Upper Cambrian Rocks of North Wales. (Tract.) 8vo. *London*, 1867.
- . On the "Lingula Flags," or "Festiniog Group" of the Dolgelly district. (Tract.) 2 copies. 8vo. *London*, 1868.
- . The Naturalist in Nicaragua: a narrative of a residence at the Gold Mines of Chontales; journeys in the Savannas and Forests, with observations on Animals and Plants in reference to the Theory of Evolution of living forms. 8vo. *London*, 1874.
- . An Examination of the Theories that have been proposed to account for the climate of the Glacial Period. (Tract.) 8vo. *London*, 1874.
- . The Steppes of Siberia. (Tract.) 8vo. *London*, 1874.
- . Niagara. Glacial and Post-Glacial Phenomena. (Tract.) 8vo. *London*, 1875.
- . The Drift of Devon and Cornwall. (Tract.) 8vo. *London*, 1876.
- . On the Geological age of the Deposits containing Flint Implements, at Hoxne, in Sussex [Suffolk], and the Relation the Palæolithic Man bore to the Glacial Period. (Tract.) 8vo. *London*, 1876.
- . On the First Stages of the Glacial Period in Norfolk and Suffolk. (Tract.) 8vo. *London*, 1877.
- . On the Loess of the Rhine and the Danube. (Tract.) 8vo. *London*, 1877.

- Belt** (Thomas). The Glacial Period in the Southern Hemisphere. (Tract.) 8vo. *London*, 1877.
- . The Steppes of Southern Russia. (Tract.) 8vo. *London*, 1877.
- . Discovery of Stone Implements in Glacial Drift in North America. (Tract.) 8vo. *London*, 1878.
- Bendyshe** (Thomas). See **BLUMENBACH** (Johann Friedrich).
- Benecke** (E. W.). Geognostich-paläontologische Beiträge. 2 vols. 8vo. *Munich*, 1868–76.
- and **COHEN** (E. C.). Geognostische Beschreibung der Umgegend von Heidelberg, zugleich als Erläuterungen zur geognostischen Karte der Umgegend von Heidelberg. Heft 1. 8vo. *Strasburg*, 1879.
- ———. Geognostische Karte der Umgegend von Heidelberg. Blatt 1. & 2. (Tracts.) *Strasburg*, 1874–77.
- Beneden** (P. J. van). Mémoire sur les vers intestinaux. 4to. *Paris*, 1861.
- . La Côte d'Ostende et les Fouilles d'Anvers. (Tract.) 8vo. *Brussels*, 1862.
- . Recherches sur les Squalodons (ossements provenant du Crag d'Anvers). (Tract.) 4to. *Brussels*, 1865.
- . Description des ossements fossiles des environs d'Anvers. 1re partie. Pinnipèdes ou Amphithériens. (Annales du Musée d'Histoire Naturelle de Belgique. Tome I.) 8vo. Atlas, 4to. *Brussels*, 1877.
- and **Dupont** (Ed.). Sur les ossements humains du trou du Frontal. (Tract.) 8vo. *Brussels*, 1865.
- and **Koninck** (L. de). Notice sur le *Palædaphus insignis*. (Tract.) 8vo. *Brussels*, 1864.
- Benett** (Miss Etheldred). Sketches of Fossil Alcyonia from the Greensand formation at Warminster Common, and in the immediate vicinity of Warminster in Wiltshire. 4to. (MS.) 1816.
- . A Catalogue of the Organic Remains of the county of Wilts. 2 copies. *Warminster*, 1831.
- . Catalogue of Wiltshire Fossils. (Tract.) Fol. *London*, 1831.
- . The Measure of the different Beds of Stone in Chicks Grove Quarry in the Parish of Sisbury (?), Wiltshire. (MS. slip.)
- Bengal**. Selections from the Records of the Bengal Government, Nos. vi., viii., and xiii. (Tracts.) 8vo. *Calcutta*, 1852–1853.
- Bennet** (H. G.). See **ANON.**, FRANCE.
- Bennett** (Edward Turner). On some Fishes from the Sandwich Islands. (Tract.) 8vo. *London*, 1828?
- Bennett** (F. J.). The Geological Survey and its relations to Agriculture. (Tract.) 8vo. *Diss.*, 1879.
- Bennett** (John Joseph). See **BROWN** (Robert).
- Benson** (Lawrence S.). The Truth of the Bible upheld; or Truth v. Science. "My visit to the Sun." Nos. 1 and 2. (Tracts.) 8vo. *London*, 1864.
- Benson** (Starling). An Account of the Cave Deposit of Bacon Hole. (Tract.) 8vo. *Swansea*, 1851.
- Benson** (W. H.). See **LEA** (Isaac).
- Bentham** (Jeremy). Essay on Political Tactics. (Tract.) 4to. *London*, 1791.

- Benvenuti** (Giuseppe). Istituzioni di Mineralogia con la maggior chiarezza disposte per facilmente imparare a conoscere i Fossili.
8vo. *Parma*, 1790.
- Benza** (P. M.). Geological Sketch of the Neilgherries. (Tract.)
8vo. *Calcutta*, 1835.
- . Memoirs on the Geology of the Neilgherry and Koondah Mountains. (Tract.)
8vo. *Madras*, 1836.
- . Notes on the Geology of the Country between Madras and the Neilgherry Hills, viâ Bangalore and viâ Salem. (Tract.)
8vo. *Madras*, 1836.
- . Notes, chiefly Geological, of a Journey through the Northern Circars in the year 1835. (Tract.)
8vo. *Madras*, 1837.
- Benzon** (R. von Fischer-). See **Fischer-Benzon** (R. von).
- Berchem** (J. P. Berthout van). See **BERTHOUT VAN BERCHEM** (J. P.).
- Berdan's Crushing Machine**. On Berdan's crushing and amalgamating machine, by the Secretary of the Institution of Mining Engineers. (Tract.)
8vo. *Birmingham*, 1854.
- Berendt** (George Carl). Die Insekten im Bernstein; ein Beitrag zur Thiergeschichte der Vorwelt. Heft I. (Tract.)
4to. *Dantzig*, 1830.
- . Geologie des kurischen Haffes und seiner Umgebung zugleich als Erläuterung zu Section 2, 3 und 4 der geologischen Karte von Preussen.
4to. *Königsberg*, 1869.
- Berg** (Ernst von). Repertorium der Literatur über die Mineralogie, Geologie, Paläontologie, Berg- und Hüttenkunde Russlands. (Tract.)
8vo. *St. Petersburg*, 1862.
- Bergazzano** (Giovanni Battista). I prieghi di Partenope: Idilio. (Tract.)
12mo. *Naples*, 1632.
- Berger** (Andr. Reinholdt). De fructibus et seminibus ex formatione lithanthracum. (Tract.)
4to. *Warsaw*, 1849.
- Berger** (H. A. C.). Die Versteinerungen der Fische und Pflanzen im Sandsteine der Coburger Gegend. (Tract.)
4to. *Coburg*, 1832.
- . Die Versteinerungen im Röth von Hildburghausen. (Tract.)
8vo. *Stuttgart*, 1859.
- . Die Versteinerungen des Schaumkalks am Thüringerwald. (Tract.)
8vo. *Stuttgart*, 1860.
- Berger** (Jean François). Extract of a letter on Guernsey. (Tract.) MS.
- . Geognostic Remarks upon the Rocks in the immediate vicinity of Dublin. (Tract.)
Fcap. fol. Manuscript. No date.
- . On Curved and other Strata. (Tract.) MS.
- . On the Blade-bone or Scapula of some large Cetaceous Animal got out of the Lake of Geneva.
Fol. manuscript.
- . On the Physical Constitution of the Passage of Mount St. Gothard. (Tract.)
Fcap. fol. Manuscript, 1817.
- Berger** (Louis). Broderip (William-John), Ancien magistrat, Naturaliste, Littérateur, Membre de la Société Royale de Londres, etc., etc. Extrait du Mémorial Historique. (Tract.)
8vo. *Paris*, 1856.
- Bergh** (Augustus). A Theory of the Periodic Inundations of each Hemisphere.
8vo. *London*, no date

- Bergh** (Rudolph). Bidrag til en anatomisk Undersøgelse af *Marseninga prodita* (Lovén). (Tract.) 8vo. *Copenhagen*, 1857.
- Bergman** (Torbern). *Opuscula physica et chemica*. 5 vols. 8vo. *Stockholm, Upsala, etc.*, 1779–88.
- . *Physical and Chemical Essays*; translated with notes and illustrations by Edmund Cullen. 2 vols. 8vo. *London*, 1784.
- . *A Dissertation on Elective Attraction*, translated from the Latin. 8vo. *London*, 1785.
- . *Manuel du Minéralogiste: ou Sciagraphie du Règne Minéral*, distribuée d'après l'analyse chimique; mise au jour par M. Ferber, et traduite et augmentée de Notes par M. Mongez le jeune; nouvelle édition, considérablement augmentée par J. C. De La Métherie. 2 vols. 8vo. *Paris*, 1792.
- Beringer** (Johann Barthol. Adam). *Lithographiæ Wirceburgensis, ducentis lapidum figuratorum, a potiori insectiformium, prodigiosis imaginibus exornatæ Specimen primum, quod in dissertatione inaugurali physico-historica . . . submittit Georgius Ludovicus Hueber*. 2 copies. 4to. *Würzburg*, 1726.
- See also **LESCHEVIN** (Ph. X.).
- Berkeley** (Miles Joseph). See **GRIFFITH** (J. W.).
- Berkley** (James J.). *Paper on the Bhore Ghaut Railway incline*. 8vo. *Bombay*, 1858.
- . *Paper on the Bhore Ghaut incline of the Great Indian Peninsula Railway; with an Appendix by A. A. West*. (Tract.) 8vo. *Bombay*, 1863.
- Bernard** (J. J. B.). See **BREISLAK** (Scipione).
- Berne**. See **JURA**.
- Berneaud** (Arsenne Thiébaud de). *A Voyage to the Isle of Elba; with notices of the other Islands in the Tyrrhenian Sea*. Translated from the French by William Jerdan. 8vo. *London*, 1814.
- Berney** (Saffold). *Hand Book of Alabama, a complete Index to the State; with a Geological Map, and an Appendix of useful Tables*. 8vo. *Mobile, Ala.*, 1878.
- Bernhard** (Reinhard). *Wat men thans weet van de Geologie*. [Vol. xxi. of the “*Verhandelingen uitgegeven door Teyler's Tweede Genootschap*.”] 4to. *Haarlem*, 1832.
- Bernoulli** (Christoph). *Geognostische Uebersicht der Schweiz, nebst einem systematischen Verzeichnisse aller in diesem Lande vorkommenden Mineralkörper und deren Fundörter*. 8vo. *Basle*, 1811.
- Beroldingen** (Franz von). *Bemerkungen auf einer Reise durch die pfälzischen und zweybrückischen Quecksilber-Bergwerke; herausgegeben, und mit einer Vorrede begleitet von J. D. Brandis*. 8vo. *Berlin*, 1788.
- . *Die Vulkane älterer und neuerer Zeiten*. 2 vols. 8vo. *Mannheim*, 1791.
- Béron** (Pierre). *Système de Géologie et origine des Comètes*. (Tract.) 8vo. *Paris*, 1847.
- . *Chronologie du Monde*. (Tract.) 8vo. *Paris*, 1862.
- . *Extrait de la ‘Physique Céleste’ contenant l’état de la terre et l’homme avant et après le déluge*. 8vo. *Paris*, 1867.

- Bertera** (—). See **BOULANGER** (—).
- Berthier** (P.). Essais sur le cuivre gris de Sainte-Marie-aux-Mines, département du Haut-Rhin. (Tract.) 8vo. *Paris*, 1825.
- . Glasiger Feldspath vom Mont-d'Or und vom Drachenfels. Abstract. (Tract.) 8vo. *Leipzig*, 1834.
- . Note sur la chaux phosphatée des mines de houille de Fins, Allier, avec une Note de M. Guillemin. (Tract.) 8vo. *Paris*, 1825.
- . Sur le traitement métallurgique des alliages de cuivre et d'argent. (Tract.) 8vo. *Paris*, 1825.
- Berthollet** (Claude Louis). Recherches sur les lois de l'Affinité. (Tract.) 4to. *Paris*, 1799.
- . See **GUYTON DE MORVEAU** (L. B.).
- Berthoud** (P.). See **RENEVIER** (E.).
- Berthout van Berchem** (J. P.). Itinéraire de la vallée de Chamonix, d'une partie du Bas-Vallais, et des montagnes avoisinantes. 8vo. *Lausanne*, 1790.
- Bertrand** (Alexandre). The Revolutions of the Globe, familiarly described. Translated by S. C. Horry. 12mo. *London*, 1835.
- Bertrand** (Elie). Mémoires sur la structure intérieure de la terre. 8vo. *Zurich*, 1752.
- . Mémoires Historiques et Physiques sur les Tremblemens de Terre. 12mo. *The Hague*, 1757.
- . Dictionnaire universel des fossiles propres, et des fossiles accidentels. 2 vols. 8vo. *The Hague*, 1763.
- . Recueil de divers Traités sur l'histoire naturelle de la terre et des fossiles. 4to. *Avignon*, 1766.
- Bertrand** (Louis). Renouvellemens périodiques des Continens terrestres. 2nd edition. 8vo. *Geneva*, 1803.
- Bertrand** (Philippe). Nouveau système sur les Granits, les Schistes, les Mollaces, et autres pierres vitreuses, précédé de quelques observations sur les Pyrénées. (Tract.) 8vo. *Paris*, 1795.
- . Nouveaux principes de Géologie, Minéralogie, Géographie-physique, etc. 8vo. *Paris*, 1797.
- . ———. 2nd edition. 8vo. *Paris*, 1803.
- Bertrand-Roux** (de Doue) (J. M.). Description géognostique des Environs du Puy en Velay, etc. 8vo. *Paris*, 1823.
- . Mémoire sur les ossemens fossiles de Saint-Privat, et sur le terrain basaltique où ils ont été découverts. (Tract.) 8vo. *Puy*, 1828.
- . Mémoire sur les ossemens fossiles de Saint-Privat d'Allier. (Tract.) 8vo. *Puy*, 1829.
- . De la fréquence comparée des vents supérieurs et inférieurs sous le climat du Puy en Velay et de leur distribution. (Tract.) 4to. *Paris*, 1851.
- . Troisième Mémoire sur la fréquence comparée des vents supérieurs et inférieurs d'après les observations faites au Puy, à Bruxelles et à Goersdorff, Bas-Rhin. (Tract.) 8vo. *Paris*, 1855.
- . Quatrième Mémoire sur la fréquence et la capacité pluvieuse des vents supérieurs et inférieurs, sur la station du Puy. (Tract.) 4to. *Paris*, 1857.

- Berzelius** (J. Jacob). An attempt to establish a pure scientific system of Mineralogy, by the application of the electro-chemical theory and the chemical proportions. Translated from the Swedish by John Black. 8vo. *London*, 1814.
- . Neues System der Mineralogie. Aus dem Schwedischen übersetzt von Chr. Gmelin und W. Pfaff. 8vo. *Nuremberg*, 1816.
- . Analyse chimique de l'Euclase. (Tract.) 4to. *Paris*, 1819.
- . The Use of the Blowpipe in chemical analysis. Translated from the French of M. Fresnel by J. G. Children. 8vo. *London*, 1822.
- . The Analysis of Inorganic Bodies. Translated from the French by G. O. Rees. (Tract.) 8vo. *London*, 1833.
- and **Marcet** (Alexander). Experiments on the Alcohol of Sulphur, or Sulphuret of Carbon. (Tract.) 8vo. *London*, 1813.
- Beskow** (Bernhard von). Om förflutna tiders svenska Ordboks-företag. Tal i Kongl. Vetenskaps-Akademien vid præsidiij nedläggande den April 1856. (Tract.) 8vo. *Stockholm*, 1857.
- Besson** (Charles?). Particularités remarquables dans quelques granits et roches primitives. (Tract.) 4to. *Paris*, 1789.
- Beudant** (François Sulpice). Mémoire sur la structure des parties solides des Mollusques, des Radiaires et des Zoophytes. (Tract.) 4to. *Paris*, 1810.
- . Mémoire sur la possibilité de faire vivre des Mollusques fluviaux dans les Eaux salées, et des Mollusques marins dans les Eaux douces, considérée sous le rapport de la Géologie. (Tract.) 2 copies. 4to. *Paris*, 1816.
- . Recherches tendantes à déterminer l'importance relative des formes cristallines, etc. (Tract.) 2 copies. 8vo. *Paris*, 1817.
- . Voyage minéralogique et géologique en Hongrie pendant l'année 1818. 3 vols. and plates. 4to. *Paris*, 1822.
- . Géologie. (Cours élémentaire d'histoire naturelle, par MM. Milne-Edwards, A. de Jussieu, et F.-S. Beudant.) 8vo. *Paris*, 1840?
- . ———. 5th edition. 8vo. *Paris*, 1851.
- . See **ELIE DE BEAUMONT** (L.).
- Beurard** (J. B.). Dictionnaire Allemand-Français, contenant les Termes Propres à l'Exploitation des Mines, etc. 8vo. *Paris*, 1809.
- Beuth** (Francisco). Juliae et Montium subterranea sive Fossilium variorum per utrumque Ducatum hinc inde repertorum Syntagma, . . . In Museo F. Beuth. 8vo. *Düsseldorff*?, 1776.
- Bevan** (G. P.). On the South Wales Coal-field. (Tract.) 8vo. *London*, 1860.
- Bewick** (Joseph). Geological treatise on the district of Cleveland, in North Yorkshire, with some observations on Ironstone Mining. 8vo. *London and Newcastle*, 1861.
- Bexhill**. Account of the Measures sunk and bored through at Bexhill, in the county of Sussex. MS. slip.
- Beyrich** (Heinrich Ernst). Beiträge zur Kenntniss der Versteinerungen des rheinischen Uebergangsgebirges. Erstes Heft. (Tract.) 2 copies. 4to. *Berlin*, 1837.
- . De Goniatitibus in Montibus Rhenanis occurrentibus. (Tract.) 4to. *Berlin*, 1837.
- . Ueber einige böhmische Trilobiten. (Tract.) 4to. *Berlin*, 1845.

- Beyrich** (Heinrich Ernst). Bericht über die von Overweg auf der Reise von Tripoli nach Murzuk und von Murzuk nach Ghat gefundenen Versteinerungen. (Tract.) 8vo. *Berlin*, 1852.
- . Ueber die Stellung der hessischen Tertiärbildungen. (Tract.) 8vo. *Berlin*, 1854.
- . Ueber die Lagerung der Kreideformation im schlesischen Gebirge. (Tract.) 4to. *Berlin*, 1855.
- . Ueber den Zusammenhang der norddeutschen Tertiärbildungen. (Tract.) 4to. *Berlin*, 1856.
- . Ueber die Abgrenzung der oligocänen Tertiärzeit. (Tract.) 8vo. *Berlin*, 1858.
- . Ueber einige Trias-Ammoniten aus Asien. (Tract.) 8vo. *Berlin*, 1864.
- . Ueber eine Kohlenkalk-Fauna von Timor. (Tract.) 4to. *Berlin*, 1865.
- . Ueber einen *Pterichthys* von Gerolstein. (Tract.) 8vo. *Berlin*, 1877.
- . Ueber jurassische Ammoniten von Mombassa. (Tract.) 8vo. *Berlin*, 1877.
- . Ueber Hildebrandt's geologische Sammlungen von Mombassa. (Tract.) 8vo. *Berlin*, 1878.
- Bianconi** (Gian Antonio). Escursioni geologiche e mineralogiche nel Territorio Porrettano. (Tract.) 8vo. *Bologna*, 1867.
- Bianconi** (Giovanni Giuseppe). Sul sistema vascolare delle foglie considerato come carattere distintivo per la determinazione delle Filliti. (Tract.) 8vo. *Bologna*, 1838.
- . Storia Naturale dei terreni ardenti, dei vulcani fangosi, delle sorgenti infiammabili, dei Pozzi idropirici, e di altri fenomeni geologici, etc. (Tract.) 8vo. *Bologna*, 1840.
- . Se il mare abbia in tempi antichi occupato le pianure ed i colli d' Italia, di Grecia, dell' Asia Minore, ec. e del terreno marino detto Marna bleu Subapennina. (Tract.) 8vo. *Bologna*, 1844.
- . De mari olim occupante planities et colles Italiae, Graeciae, Asiae Minoris, etc. et de aetate terreni quod geologi appellant *Marnes bleues*. 4to. *Bologna*, 1846–52.
- . Repertorium Italicum complectens Zoologiam, Mineralogiam, Geologiam et Palaeontologiam. (Repertorio Italiano per la Storia Naturale.) Vols. I. (2 copies) and II. 8vo. *Bologna*, 1853–54.
- . Alcune ricerche sui capreoli delle Cucurbitacee. (Tract.) 4to. *Bologna*, 1855.
- . Descrizione delle forme cristalline di Zolfo delle Miniere del Cesenate. (Tract.) 4to. *Bologna*, 1861.
- . Del calore prodotto per l'attrito fra fluidi e solidi in rapporto colle sorgenti termali e cogli aeroliti. (Tract.) 8vo. *Bologna*, 1862.
- . Dell' *Epyornis maximus* menzionato da Marco Polo e da Fra Mauro. (Tract.) 4to. *Bologna*, 1862.
- . On Meteorites. (Tract.) 8vo. *London*, 1863.
- . Studi sul Tarso-metatarso degli Uccelli, ed in particolare su quello dell' *Epyornis maximus*; continuazione e fine. (Tract.) 4to. *Bologna*, 1865.

- Bianconi** (Giovanni Giuseppe). Intorno al giacimento delle Fuciti nel Calcare Eocenico. (Tract.) 8vo. *Milan*, 1867.
- . Osservazioni sul femore e sulla tibia dell' *Apyornis maximus*. (Tract.) 8vo. *Bologna*, 1870.
- . Esperienze intorno alla flessibilità del ghiaccio. (Tract.) 4to. *Bologna*, 1871.
- . Memoria seconda. (Tract.) 4to. *Bologna*, 1876.
- Bibliography**. See CARUS and ENGELMANN, ENGELMANN, and SERIALS, etc. CAMBRIDGE, MASS. (Harvard University) and LONDON (Ray Society and Royal Society).
- Bibra** (Ernst von). Beiträge zur Naturgeschichte von Chile. 4to. *Vienna*, 1853.
- Bichat** (Xavier). Anatomie Générale, appliquée à la Physiologie et à la Médecine. Nouvelle édition, avec notes et additions par P. A. Béclard. 4 vols. 8vo. *Paris*, 1821.
- Bicheno** (James Ebenezer). On Systems and Methods in Natural History. (Tract.) 4to. *London*, 1827.
- Bickmore** (Albert S.). Some Remarks on the recent Geological Changes in China and Japan. (Tract.) 8vo. *New Haven*, 1868.
- Bidder** (George Parker). The National Defences. (Tract.) 8vo. *London*, 1861.
- Biddle** (Nicholas). Eulogium on Thomas Jefferson, delivered before the American Philosophical Society. (Tract.) 8vo. *Philadelphia*, 1827.
- Biden** (James). Religious Reformation imperatively demanded; Bishop Colenso's Critical Inquiries answered; the Inspiration of Scripture maintained. 8vo. *London* and *Gosport*, 1864.
- Biden** (W. Downing). Rules, Formulæ, and Tables, for the Valuation of Estates, &c. 8vo. *London*, 1861.
- Biedermann** (W. G. A.). Petrefacten aus der Umgegend von Winterthur; II. Die Braunkohlen von Elgg; III. *Mastodon angustidens*, Cuv. (Tracts.) 4to. *Winterthur*, 1863–68.
- . Chéloniens tertiaires des environs de Winterthur. Traduction française par O. Bourrit. (Tract.) 4to. *Winterthur*.
- . *Mastodon angustidens*, Cuv. (Schw. paläont. Gesellschaft.) 4to. *Basle* and *Geneva*, 1876.
- Bieling** (Carl). Geschichte der Entdeckung, auch Darstellung des geognostischen Vorkommens der bey dem Dorfe Thiede am Lindenberg im Herzogthume Braunschweig gefundenen merkwürdigen Gruppe fossiler Zähne und Knochen urweltlicher Thiere. (Tract.) 4to. *Wolfenbüttel*, 1818.
- Bielz** (E. A.). Fauna der Land- und Süsswasser-Mollusken Siebenbürgens. 8vo. *Hermannstadt*, 1863.
- Bigot de Morogues** (P. M. S.). Mémoire historique et physique sur les chutes des pierres tombées sur la surface de la terre à diverses époques. 8vo. *Orleans*, 1812.
- Bigsby** (John J.). The Shoe and Canoe, or pictures of travel in the Canadas. 2 vols. 8vo. *London*, 1850.
- . On the Organic Contents of the older Metamorphic Rocks. (Tract.) 8vo. *Edinburgh*, 1863.
- . *Thesaurus Siluricus*. The Flora and Fauna of the Silurian Period. 2 copies. 4to. *London*, 1868.

- Bigsby** (John J.). *Thesaurus Devonico-Carboniferus*. The Flora and Fauna of the Devonian and Carboniferous Periods. 4to. London, 1878.
- Billing** (Archibald). The Science of Gems, Jewels, Coins and Medals, ancient and modern. 8vo. London, 1867.
- Billings** (E.). On the Fossil Corals of the Devonian Rocks of Canada West. (Tract.) 8vo. Montreal, 1859.
- . New Species of Silurian Fossils. (Geological Survey of Canada.) (Tract.) 8vo. Montreal, 1862.
- . On the Parallelism of the Quebec Group with the Llandeilo of England and Australia, and with the Chazy and Calciferos Formations. (Tract.) 8vo. Montreal, 1863.
- . On the Remains of the Fossil Elephant found in Canada. (Tract.) 8vo. Montreal, 1863.
- . See SURVEYS: CANADA.
- and **Devine** (T.). Geological Survey of Canada:—1. Parallelism of the Quebec Group; 2. Description of a New Trilobite from the Quebec Group; 3. On the Remains of the Fossil Elephant found in Canada. (Tract.) 8vo. Montreal, 1863.
- Binkhorst van den Binkhorst** (J. T. van). Notice géologique sur le terrain Crétacé des environs de Janche et de Ciply. (Tract.) 8vo. Maestricht, 1858.
- . Esquisse géologique et paléontologique des couches Crétacées du Limbourg. Partie I. 8vo. Maestricht, 1859.
- . Monographie des Gastéropodes et des Céphalopodes de la Craie supérieure du Limbourg. (Tract.) 4to. Brussels and Maestricht, 1861.
- . ———. New edition. 4to. Brussels and Leipzig, 1873.
- Binney** (Amos). The Terrestrial Air-breathing Mollusks of the United States and the adjacent Territories of North America. 3 vols. 8vo. Boston, 1851.
- Binney** (Edward William). Notes on the Lancashire and Cheshire Drift. (Tract.) 8vo. Manchester, 1843.
- . On the Fossil Fishes of the Manchester Coal-field. (Tract.) 8vo. London, 1843.
- . On the Origin of Coal. (Tract.) 8vo. Manchester, 1847.
- . Sketch of the Drift-deposits of Manchester and its neighbourhood. (Tract.) 8vo. Manchester, 1847.
- . A glance at the Geology of Low Furness, Lancashire. (Tract.) 8vo. Manchester, 1848.
- . Description of a Mineral Vein in the Lancashire Coal Field, near Skelmersdale. (Tract.) 8vo. Manchester, 1849.
- . Remarks on a Vein of Lead found in the Carboniferous Strata of Derbyshire, near Whaley Bridge. (Tract.) 8vo. Manchester, 1849.
- . Description of some supposed Meteorites found in Seams of Coal. (Tract.) 8vo. Manchester, 1851.
- . Notes on the Drift Deposits found near Blackpool. (Tract.) 8vo. Manchester, 1852.
- . On some Trails and Holes found in Rocks of the Carboniferous Strata, with remarks on the *Microconchus carbonarius*. (Tract.) 8vo. Manchester, 1852.
- . On the Action of old Coal-pit Water upon Iron, in the Pendleton Colliery. (Tract.) 8vo. Manchester, 1854.

- Binney** (Edward William). On the Origin of Ironstones, and more particularly the newly discovered Red Stone at Ipstones, near Cheadle, Staffordshire; with some account of the Ironstones of South Lancashire. (Tract.) 8vo. *Manchester*, 1854.
- . On the Permian Beds of the North-west of England. (Tract.) 8vo. *Manchester*, 1855.
- . Additional observations on the Permian Beds of the North-west of England. (Tract.) 8vo. *London*, 1857.
- . Fossil Shells in the Lower Coal Measures. (Tract.) 8vo. *Manchester*, 1860.
- . Gases found in Coal-mines, and on Mining Lamps. (Tract.) 8vo. *London*, 1859.
- . Additional Observations on the Permian Beds of South Lancashire. (Tract.) 8vo. *Manchester*, 1861.
- . On *Sigillaria* and its Roots. (Tract.) 8vo. *Manchester*, 1862.
- . Further Observations on the Carboniferous, Permian, and Triassic Strata of Northumberland and Dumfries. (Tracts.) 8vo. *Manchester*, 1863.
- . On *Stigmaria*. (Tract.) 8vo. *Manchester*, 1864.
- . A few remarks on Mr. Hull's Additional observations on the Drift-deposits in the neighbourhood of Manchester. (Tract.) 8vo. *Manchester*, 1865.
- . A Description of some Fossil Plants, showing structure, found in the Lower Coal-seams of Lancashire and Yorkshire. (Tract.) 4to. *London*, 1865.
- . Further observations on the Permian and Triassic Strata of Lancashire. (Tract.) 8vo. *Manchester*, 1865.
- . On some of the Objects of the Manchester Geological Society, and the best Means of attaining them. (Tract.) 8vo. *Manchester*, 1865.
- . On the Upper Coal Measures of England and Scotland. (Tract.) 8vo. *Manchester*, 1866–67.
- . Observations on the Structure of Fossil Plants found in the Carboniferous Strata. (Palæontographical Society.) 4to. *London*, 1868 etc.
- . Note on the Organs of Fructification and Foliage of *Calamodendron commune* (?). (Tract.) 8vo. *London*, 1870.
- . On the Permian Strata of East Cheshire. (Tract.) 8vo. *Manchester*, 1870.
- . Additional Notes on the Lancashire Drift-deposits. (Tract.) 8vo. *Manchester*, 1872.
- . Fossil Plants of the Upper Foot Coal-seam. (Tract.) 8vo. *Manchester*, 1872.
- . Additional Notes on the Drift-deposits near Manchester. (Tract.) 8vo. *Manchester*, 1872–73.
- . Notice of some Organic Remains from the Schists of the Isle of Man. (Tract.) 8vo. *Manchester*, 1877.
- . Notice of a Fossil Plant found at Laxey, in the Isle of Man. (Tract.) 8vo. *Manchester*, 1878.
- . Notes on some Fossils from the Iron-mines of Furness. (Tract.) 8vo. *Manchester*, 1879.

- Binney** (Edward William). Notes on a bore through Triassic and Permian strata, lately made at Openshaw. (Tract.) 8vo. *Manchester*, 1880.
- and **Harkness** (Robert). An account of the Fossil Trees found at St. Helen's. (Tract.) 8vo. *London*, 1845.
- and **Talbot** (John Hawkshead). On the Petroleum found in the Down Holland Moss, near Ormskirk. (Tract.) 8vo. *Manchester*, 1843.
- Binney** (W. G.). Bibliography of North American Conchology, previous to the year 1860. Prepared for the Smithsonian Institution. Part II. Foreign Authors. 8vo. *Washington*, 1864.
- . See **BLAND** (Thomas) and **GOULD** (Augustus A.).
- and **Bland** (Thomas). Land and Freshwater Shells of North America. Part I. 8vo. *Washington*, 1869.
- Binnie** (Alexander R.). Lectures. Water-supply, Rainfall, Reservoirs, Conduits and Distribution. Delivered at the School of Military Engineering, Chatham. Fol. *Chatham*, 1878.
- Biot** (Jean Baptiste). Biographical Notice. See **MARTIUS** (Karl Friedrich Philipp von).
- Birch** (Colonel). A Catalogue [Sale] of his small but very fine collection of Organized Fossils, from the Blue Lias Formation at Lyme and Charmouth, in Dorsetshire. (Tract.) 8vo. *London*, 1820.
- * * With figure of "an entirely unknown Crustaceous insect, approaching the *Palæmon* of Olivier."
- Bird** (John). See **YOUNG** (George).
- Birkmyre** (W.). See **EXHIBITION** OF 1862.
- Birks** (E.). See **BRITISH ASSOCIATION**. Sheffield Guide Book.
- Birks** (Rev. Canon). Uncertainties of Modern Physical Science. 2nd Edition. (Tract.) 8vo. *London*, 1876.
- Birlinger** (Anton). Schwäbisch-augsburgisches Wörterbuch. 8vo. *Munich*, 1864.
- Bisching** (Anton). See **HOCHSTETTER** (Ferdinand von).
- Bischof** (F.). Die Steinsalzwerke bei Stassfurt. 8vo. *Halle*, 1875.
- (Gustav). Physical, Chemical, and Geological researches on the Internal heat of the Globe. Vol. I. 8vo. *London*, 1841.
- . Lehrbuch der chemischen und physikalischen Geologie. 2 vols. 8vo. *Bonn*, 1847–54.
- . ———. 2te Auflage. 3 vols. (vol. II. in duplicate). 8vo. *Bonn*, 1863–66.
- . ———. Supplementband. 2 copies. 8vo. *Bonn*, 1871.
- . Elements of Chemical and Physical Geology. Translated from the manuscript of the author by Benjamin H. Paul and J. Drummond. 3 vols. 8vo. *London*, 1854.
- . Die Gestalt der Erde und der Meeresfläche und die Erosion des Meeresbodens. (Tract.) 8vo. *Bonn*, 1867.
- Bischoff** (James). Sketch of the History of Van Diemen's Land. 8vo. *London*, 1832.
- Bischoff** (Theodor Ludwig Wilhelm). Ueber die Brauchbarkeit der in verschiedenen europäischen Staaten veröffentlichten Resultate des Recrutirungs-Geschäftes zur Beurtheilung des Entwicklungs und Gesundheits-Zustandes ihrer Bevölkerungen. (Tract.) 8vo. *Munich*, 1867.

- Bjerknes** (C. A.). Ueber die geometrische Repräsentation der Gleichungen zwischen zwei veränderlichen, reellen oder komplexen Grössen (Tract.) 4to. *Christiania*, 1859.
- Bjorn** (Johannes Outzen). De indole et origine Aerolithorum. (Tract.) 8vo. *Odensee*, 1816.
- Black** (Adam). General Atlas. Fol. *Edinburgh*, 1853.
- Black** (James). On the Submerged Forests of Great Britain. (Tract.) 8vo. *Manchester*, 1843.
- . A Medico-topographical, Geological, and Statistical Sketch of Bolton and its neighbourhood. (Tract.) 8vo.
- Black** (John). See **BERZELIUS** (J. Jacob) and **BUCH** (Leopold von).
- Black** (J. G.). See **HUTTON** (F. W.).
- Black** (W. T.). On Rolled Pebbles from the Beach at Dunbar. (Tract.) 8vo. *Edinburgh*, 1877.
- Blackie** (W. G.). Imperial Gazetteer: a general Dictionary of Geography, Physical, Political, Statistical, and Descriptive. 2 vols. 8vo. *Glasgow, Edinburgh, and London*, 1856.
- Blackwall** (John). A History of the Spiders of Great Britain and Ireland. (Ray Society.) 4to. *London*, 1861–64.
- Blackwell** (J. Kenyon). Explosions in Coal Mines; their causes, and the means available for their prevention or control. 2 copies. (Tract.) 8vo. *London*, 1853.
- . See **REPORTS** (Parliamentary).
- Blackwood** (F. P.). See **ADMIRALTY PUBLICATIONS**.
- Blagden** (Sir Charles). Experiments and Observations in an Heated Room. (Tract.) 4to. *London*, 1774.
- . Some observations on Ancient Inks, etc. (Tract.) 4to. *London*, 1787.
- . Experiments on the Cooling of Water below its freezing-point. (Tract.) 4to. *London*, 1788.
- . Experiments on the effect of various substances in lowering the point of congelation in water. (Tract.) 4to. *London*, 1788.
- . On the Heat of the Water in the Gulf-stream. (Tract.) 4to. *London*.
- and **Nairne** (Edward). Proceedings relative to the Accident by Lightning at Heckingham. (Tract.) 4to. *London*, 1783.
- Blainville** (Henri M. Ducrotay de), Obituary notice. See **PREVOST** (Constant).
- . Sur les Ichthyolites ou les poissons fossiles. (Tract.) 8vo. *Paris*, 1818.
- . Mémoire sur les Bélemnites, considérés zoologiquement et géologiquement. 2 copies. 4to. *Paris*, 1827.
- . Manuel d'Actinologie, ou de Zoophytologie. Text and plates. 8vo. *Paris*, 1834.
- . Sur les Singes fossiles. (Tract.) 4to. *Paris*, 1837.
- . Sur un nouvel envoi de fossiles provenant du dépôt de Sansan. (Tract.) 4to. *Paris*, 1837.
- . Ostéographie des Mammifères. 4 vols. 4to; Atlas, 4 vols. fol. *Paris, London, etc.*, 1839–64.
- and **Deslongchamps** (Eudes). Lettres sur les Crocodiles vivants et fossiles. (Tract.) 4to. *Caen*, 1852.

- Blake** (Charles Carter). On certain "Simious" Skulls, with especial reference to a skull from Louth, in Ireland. (Tract.)
8vo. London, 1865.
- . Sulphur in Iceland. (Tract.)
8vo. London, 1874.
- . See BROCA (Paul).
- Blake** (Ethelstane H.). On the Primary Rocks of Donegal. (Tract.)
8vo. Dublin, 1862.
- Blake** (J. F.). Catechism of Zoology. 8vo. London, 1873.
- . On *Renulina Sorbyana*. (Tract.) 8vo. London, 1876.
- . On the Chalk of Yorkshire. (Tract.) 8vo. London, 1878.
- . See TATE (Ralph).
- and **Hudleston** (W. H.). On the Corallian Rocks of England.
8vo. London, 1877.
- Blake** (J. H.). See SURVEYS: ENGLAND AND WALES.
- Blake** (William P.). (Explorations and Surveys for a Railroad Route from the Mississippi River to the Pacific Ocean.) Appendix to the Preliminary Geological Report. Palæontology; by S. A. Conrad, A. A. Gould, W. P. Blake, and L. Agassiz. (Tract.)
8vo. Washington, 1855.
- . Note upon a Peculiarity of the "Redwood" (Genus *Sequoiâ*). (Tract.)
8vo. Washington, 1855.
- . Notes upon the Grove of "Mammoth Trees" in Calaveras County, California. (Tract.)
8vo. Washington, 1855.
- . Notice of Remarkable Strata containing the remains of Infusoria and Polythalamia in the Tertiary Formation of Monterey, California. (Tract.)
8vo. Philadelphia, 1855.
- . Observations on the Characters and Probable Geological Age of the Sandstone Formation of San Francisco. (Tract.)
8vo. Washington, 1855.
- . Observations on the Extent of the Gold Region of California and Oregon, etc. (Tract.)
8vo. New Haven, 1855.
- . Observations on the Physical Geography of the Coast of California, from Bodega Bay to San Diego. (Tract.) 4to. Washington, 1855.
- . On the Grooving and Polishing of Hard Rocks and Minerals by dry Sand. (Tract.) 2 copies. 8vo. Washington, 1855.
- . Remarks upon the Geology of California, etc. (Tract.)
8vo. Washington, 1855.
- . On the Rate of Evaporation on the Tulare Lakes of California. (Tract.)
8vo. New Haven, 1856.
- . Sur l'action des anciens glaciers dans la Sierra Nevada de Californie et sur l'origine de la vallée de Yo-Semite. (Tract.)
4to. Paris, 1867.
- . Note upon the occurrence of fossil remains of the Tapir in California. (Tract.)
8vo. New Haven, 1868.
- . Explorations from the Mississippi to the Pacific. See SURVEYS: UNITED STATES.
- Blanchet** (Rodolphe). Essai sur l'Histoire naturelle des environs de Vevey. (Tract.)
8vo. Vevey, 1843.
- Bland** (Thomas). Facts and Principles relating to the Origin and the Geographical Distribution of Mollusca. (Tract.)
8vo. New Haven, 1852.

- Bland** (Thomas). Note on the Geographical Distribution of the Terrestrial Mollusks which inhabit the Island of St. Thomas, W. I. (Tract.) 8vo. *New York*, 1854.
- . On *Proserpina opalina*, C. B. Ad., and *Helix proserpinula*, Pfr. (Tract.) 8vo. *New York*, 1854.
- . On the Absorption of Parts of the Internal Structure of their Shells, by the animals of *Stoastoma*, *Lucidella*, *Trochatella*, *Helicina*, and *Proserpina*. (Tract.) 8vo. *New York*, 1854.
- . Description of two new Species of North American Helicidæ. (Tract.) 8vo. *New York*, 1858.
- . Remarks on certain Species of North American Helicidæ. (Tract.) 8vo. *New York*, 1858.
- . Remarks on certain Species of North American Helicidæ, with descriptions of new species. (Tract.) 8vo. *New York*, 1860.
- . On the Geological Distribution of the genera and species of Land Shells of the West India Islands, etc. (Tract.) 8vo. *New York*, 1861.
- . Memoir of Charles B. Adams, late Professor of Zoology in Amherst College, Massachusetts. (Tract.) 8vo. *Philadelphia*, 1865.
- . Notes on certain Terrestrial Mollusca, with descriptions of new species. (Tracts.) 8vo. *New York*, 1865-68.
- . Remarks on the Origin and Distribution of the Operculated Land Shells which inhabit the Continent of America and the West Indies. (Tract.) 8vo. *Philadelphia*, 1866.
- . Notes on the Land-shells of Trinidad, Grenada and Dominica, and also of Curaçao and Buen Ayre, W. I. (Tract.) 8vo. *Philadelphia*, 1868.
- . Notes relating to the Physical Geography and Geology of, and the Distribution of Terrestrial Mollusca in certain of the West India Islands. (Tract.) 8vo. *Philadelphia*, 1871.
- . Notes on certain Terrestrial Mollusks, with descriptions of new species. (Tract.) 8vo. *New York*, 1874.
- . See **BINNEY** (W. G.).
- and **Binney** (W. G.). Description of *Hemphillia*, a new Genus of Terrestrial Mollusks. (Tract.) 8vo. *New York*, 1872.
- . On the Lingual Dentition of certain Terrestrial Pulmonata foreign to the United States. (Tract.) 8vo. *New York*, 1872.
- . On the Lingual Dentition of *Gæotis*. (Tract.) 8vo. *New York*, 1872.
- . On the Relations of certain Genera of Terrestrial Mollusca of, or related to, the sub-family Succininae, with notes on the Lingual Dentition of *Succinea appendiculata*, Pfr. (Tract.) 8vo. *New York*, 1872.
- . On the Lingual Dentition and Anatomy of *Achatinella* and other Pulmonata. (Tract.) 8vo. *New York*, 1873.
- Blanford** (Henry F.). Pre-historic Man. No. 1. On the Early Stone-age in Western Europe and India. (Tract.) 8vo. *Calcutta*, 1866.
- . Note on a Tank-section at Sealdah, Calcutta. (Tract.) 2 copies. 8vo.
- . The Rudiments of Physical Geography for the use of Indian Schools. 7th edition. 8vo. *London*, 1878.
- . See **SALTER** (J. W.).

- Blanford** (William T.). Note on the Geology of the neighbourhood of Lnyan and Runneekote, North-West Kotree, in Sind. (Tract.) 8vo. *Calcutta*, 1867.
- . On the Geology of a portion of Cutch. (Tract.) 8vo. *Calcutta*, 1867.
- . Observations on the Geology and Zoology of Abyssinia. 2 vols. 8vo. *London*, 1870.
- . Description of the Geology of Nágpur and its neighbourhood. (Tract.) 8vo. *Calcutta*, 1872.
- . Scientific Results of the Second Yarkand Mission, based upon the collections and notes of the late Ferdinand Stoliczka.—Geology. (Tract.) 4to. *Calcutta*, 1878.
- . Address delivered at the Annual Meeting of the Asiatic Society of Bengal, 1879. (Tract.) 8vo. *Calcutta*, 1879.
- . See MEDLICOTT (H. B.).
- Blank** (Joseph Bonavita). Handbuch der Mineralogie. 8vo. *Würzburg*, 1810.
- Blavier** (Edouard). Essai de statistique minéralogique et géologique du département de la Mayenne. 8vo. *Paris* and *Mans*, 1837.
- Blöde** (Gottlob von). Ueber die Uebergangs-Gebirgsformation im Königreich Pohlen, etc. (Tract.) 8vo. *Breslau*, 1830.
- . Tabelle über die in den öffentlichen Museen zu St. Petersburg befindlichen Aerolithen und kurze Charakteristik derselben, so wie Angabe der hierüber vorhandenen Nachrichten. (Tract.) 4to. *St. Petersburg*, 1848.
- Blofeld** (J. H.). Algeria, past and present. 8vo. *London*, 1844.
- Blomberg** (A.). See SURVEYS: SWEDEN.
- Blomefield** (Leonard). Results of Meteorological Observations made at the Bath Royal Literary and Scientific Institution during ten years, commencing with March 1865, and ending with February 1875. (Tract.) 8vo. *Bath*, 1876.
- Bloxam** (Andrew.) See POTTER (T. R.).
- Bloxam** (Thomas). On the Composition of the Building Sandstones of Craighleith, Binnie, Gifnock, and Partick Bridge, with a preliminary note by George Wilson. (Tract.) 8vo. *Edinburgh*, 1858.
- Blum** (J. Reinhard). Die Pseudomorphosen des Mineralreichs. 8vo. *Stuttgart*, 1843.
- . Nachtrag zu den Pseudomorphosen des Mineralreichs. 8vo. *Stuttgart*, 1847.
- . Zweiter Nachtrag zu den Pseudomorphosen des Mineralreichs. (Tract.) 8vo. *Heidelberg*, 1852.
- . ——. Dritter Nachtrag. 8vo. *Erlangen*, 1863.
- . ——. Vierter Nachtrag. 8vo. *Heidelberg*, 1879.
- . Lehrbuch der Oryktognosie. 8vo. *Stuttgart*, 1854.
- Blumenbach** (Johann Friedrich). Manuel d'Histoire Naturelle, traduit de l'Allemand par Soulange Artoud. 2 vols. 8vo. *Metz*, 1803.
- . Specimen Archæologiæ telluris, terrarumque imprimis Hannoveranarum. (Tract.) 4to. *Göttingen*, 1803.
- . Anthropological Treatises. Translated and edited by Thomas Bendyshe. 8vo. *London*, 1865.
- Blyth** (Edward). Catalogue of the Birds in the Museum of the Asiatic Society. 8vo. *Calcutta*, 1849.

- Blyth** (Edward). Mr. W. Theobald and Dr. Falconer. (Tract.)
8vo. London, 1870.
- Blyth** (John). See HARKNESS (Robert).
- Boase** (Henry S.). A Treatise on primary Geology. 8vo. London, 1834.
- Böbert** (K. F.). See KEILHAU (B. M.). Gæa Norvegica.
- Boblaye** (Emile Le Puillon de). See LE PUILLON DE BOBLAYE (Emile).
- Boccardo** (Gerolamo). Sismopirologia. Terremoti, Vulcani ed oscillazioni del molo: saggio di una teoria di geografia fisica. 8vo. Genoa, 1869.
- Böckeler** (O.). See VON DER DECKEN (Carl Claus). Reisen in Ost-Africa in 1859–1865.
- Boeck** (Christian). Bemærkning angaaende *Desmidium Swartzii* Agardh. (Tract.)
8vo. Christiania, 1832–33.
- . See KEILHAU (B. M.). Gæa Norvegica.
- . Beskrivelse over en misbildet Kat. (Tract.)
8vo. Christiania, 1832–33.
- . Om et electrisk Phænomen, iagttaget paa Dovrefjeld. (Tract.)
8vo. Christiania, 1832–33.
- . Bemærkninger angaaende Graptolitherne. (Tract.) 2 copies.
4to. Christiania, 1851.
- Boetius de Boot** (Anselm). Gemmarum et Lapidum Historia, nunc vero recensuit ... Adrianus Toll. 8vo. Leyden, 1636.
- . Tertia editio, longe purgatissima. Cui accedunt Joannis de Laet, de Gemmis et Lapidibus libri II. et Theophrasti liber de Lapidibus, Gr. et Lat. cum brevibus notis. 8vo. Leyden, 1647.
- Bogg** (E.). On Lincolnshire. (Tract.) MS.
- Bohadsch** (Joh. Bapt.). De quibusdam Animalibus Marinis, eorumque proprietatibus, orbi litterario vel nondum vel minus notis, liber, cum nonnullis tabulis æri incisis, ab auctore super vivis animalibus delineatis. 4to. Dresden, 1761.
- Bohn** (Henry G.). Catalogue of Books. Vol. I. containing Natural History, etc. 8vo. London, 1847.
- Boisse** (A. A. M.). Des moyens de soustraire l'exploitation des mines de houille aux chances d'explosion. 8vo. Brussels, 1840.
- Boissy** (Ange Bernard Mercier de). See MERCIER DE BOISSY (Ange Bernard).
- Boitard** (M. P.). Manuel d'histoire naturelle, comprenant les trois règnes de la nature. 2 vols. 12mo. Paris, 1827.
- . Atlas des Poissons, des Oiseaux et des Reptiles. 12mo. Paris, 1827.
- . Manuel d'entomologie ou histoire naturelle des Insectes. 2 vols. 12mo. Paris, 1828.
- Bölsche** (Wilhelm). Die Korallen des norddeutschen Jura- und Kreide-Gebirges. (Tract.) 8vo. Berlin, 1867.
- Bolton** (H. Carrington). Application of Organic Acids to the Examination of Minerals. (Tract.) 8vo. New York, 1877.
- Bolton** (John). Geological Fragments, collected principally from rambles among the rocks of Furness and Cartmel. 8vo. Ulverston and London, 1869.
- Bombay**. Magnetical and Meteorological Observations made at the Government Observatory, Bombay, in the years 1846–1864. 20 vols. Fol. Bombay, 1849–67.

- Bonaparte** (*Prince Charles Lucien*). *Selachorum tabula analytica*.
4to. *Bologna*, 1838.
- . *Ornithologie fossile servant d'introduction au Tableau comparatif des Ineptes et des Autruches*. (Tract.) 4to. *Paris*, 1856.
- . *Tableaux paralléliques des oiseaux Præcoces ou Autophages*. (Tract.) 4to. *Paris*, 1856.
- Bonaparte** (*Prince Napoléon*). *Expériences sur la direction de l'océan Atlantique septentrional*. (Tract.) 4to. *Paris*, 1856.
- Bond** (*Edward Augustus*). See CAMBRIDGE. *Speeches . . . by the Public Orator*.
- Bonite** (*Voyage de la*). See CHEVALIER (E.).
- Bonnard** (A. H. de). *Obituary Notice*. See DUFRÉNOY.
- . *Essai géognostique sur l'Erzgebirge, ou sur les montagnes métallifères de la Saxe*. (Tract.) 8vo. *Paris*, 1816.
- . *Fragments Géologiques et Minéralogiques, extraits du Nouveau Dictionnaire d'Histoire naturelle*. (Roche, Terrains, Houille, Filon, Mines.) 8vo. *Paris*, 1819.
- Bonney** (*Thomas George*). *The Alpine Regions of Switzerland and the neighbouring countries*. 8vo. *Cambridge*, 1868.
- . *The Lofoten Islands*. (Tract.) 8vo. *London*, 1870.
- . *Geology*. 12mo. *London*, 1874.
- . *Cambridgeshire Geology. A sketch for the use of students*. 8vo. *Cambridge*, 1875.
- Bonsdorff** (*Peter Adolph von*). *Mémoire ayant pour objet de démontrer l'analogie de composition des Minéraux qui cristallisent à la manière de l'Amphibole*. (Tract.) 8vo. *Paris*, 1822.
- . *New Investigation of the chemical composition of Red Silver Ore*. Translation. (Tract.) 8vo. 1824.
- , **Bonsdorff** (*Carl Gustav*), and **Idman** (*Gustav*). *Dissertatio chemica, nova experimenta naturam Pargasitæ illustrantia proponens*. (Tract.) 4to. *Abo*, 1817.
- Boot** (*Anselm Boetius de*). See BOETIUS DE BOOT (*Anselm*).
- Börch** (*M. J. de*). *Lithologie Sicilienne, ou connaissance de la nature des pierres de la Sicile, suivie d'un discours sur la Calcare de Palerme*. 4to. *Rome*, 1778.
- . *Minéralogie Sicilienne*. 8vo. *Turin*, 1780.
- Bořický** (*Emanuel*). *Petrographische Studien an den Phonolithgesteinen, Basaltgesteinen und den Melaphyrgesteinen Böhmens*. 8vo. *Prague*, 1873–76.
- . *Elemente einer neuen chemisch-mikroskopischen Mineral- und Gesteinsanalyse*. (Tract.) 8vo. *Prague*, 1877.
- Borkenstein** (—). *General v. Helvigs Methode, at lade Borehuller*. (Tract.) 8vo. *Christiania*, 1832–33.
- Born** (*Ignaz von*). *Index Fossilium quæ collegit et in classes ac ordines disposuit*. 8vo. *Prague*, 1772.
- . *Travels through the Bannat of Temeswar, Transylvania, and Hungary in the year 1770, to which is added John James Ferber's Mineralogical History of Bohemia*. Translated from the German by R. E. Raspe. 8vo. *London*, 1777.
- . *Voyage Minéralogique fait en Hongrie et en Transylvanie*. Traduit par M. Monnet. 2 copies. 8vo. *Paris*, 1780.

- Born** (Ignaz von). Testacea musei Cæsarei Vindobonensis. 4to. *Vienna*, 1780.
- . Ueber das Anquicken der gold und silberhaltigen Erze, Rohsteine Schwarzkupfer und Hüllenspieße. 4to. *Vienna*, 1786.
- . Catalogue méthodique et raisonné de la collection des fossiles de Mlle. Eléonore de Raab. 2 vols. 8vo. *Vienna*, 1790.
- Bornemann** (J. G.). Ueber die Liasformation in der Umgegend von Göttingen und ihre organischen Einschlüsse. (Tract.) 2 copies. 8vo. *Berlin*, 1854.
- . Ueber organische Reste der Lettenkohलगruppe Thüringens. (Tract.) 4to. *Leipzig*, 1856.
- Borre** (A. Preudhomme de). Notes sur des empreintes d'insectes fossiles découvertes dans les schistes houillers des environs de Mons. (Tract.) 8vo. *Brussels*, 1875.
- . Note sur le *Breyeria Borinensis*. (Tract.) 8vo. *Brussels*, 1879.
- Borson** (Stefano). Catalogue raisonné du Musée d'Histoire Naturelle de l'Académie de Turin. Partie Minéralogique selon le système de M. A. Brongniart. Tome I. 8vo. *Turin*, 1811.
- . Mémoire sur des mâchoires et des dents du Mastodonte dit Mammouth, trouvées fossiles en Piémont. (Tract.) 4to. *Paris*, 1818.
- . Osservazioni intorno alle sostanze minerali di cui sono formati i monumenti del R. Museo Egizio, coll' enumerazione delle medesime. (Tract.) 8vo. *Turin*, 1826.
- . Notice sur quelques fossiles de la Tarantaise en Savoie. (Tract.) 4to. *Turin*, 1829.
- Börtzell** (Algernon). Beskrifning öfver Besierecksteins Kromolithografi och Lithografi använda vid tryckningen af Geologisk Öfversigtskarta öfver Skåne. (Tract.) 4to. *Stockholm*, 1872.
- Bosizio** (Athanasius). Die Geologie und die Sündfluth. 8vo. *Mayence*, 1877.
- Bosquet** (J.). Description des Entomostracés fossiles des terrains tertiaires de la France et de la Belgique, avec rapport par M. de Koninck. (Tract.) 4to. *Brussels*, 1852.
- . Notice sur quelques Cirripèdes récemment découverts dans le terrain Crétacé du Duché de Limbourg. (Tract.) 4to. *Haarlem*, 1852.
- . Les Brachiopodes fossiles du terrain Crétacé Supérieur du Duché de Limbourg. 1^e partie. (Tract.) 4to. *Haarlem*, 1859.
- . Recherches Paléontologiques sur le terrain tertiaire du Limbourg néerlandais. (Tract.) 4to. *Amsterdam*, 1859.
- . Coup-d'œil sur la répartition géologique et géographique des espèces d'animaux et de végétaux citées dans le tableau des fossiles Crétacés du Limbourg, inséré dans la dernière livraison de l'ouvrage du Dr. W. C. H. Staring sur le sol de la Néerlande. (Tract.) 8vo. *Amsterdam*, 1861.
- . Notice sur le genre *Sandbergeria*, genre nouveau de mollusques gastéropodes de la famille des Cerithiopsidæ. (Tract.) 4to. *Haarlem*, 1861.
- . Fossiele Fauna en Flora van het krijk van Limburg. (Tract.) 8vo.

- Bosquet (J.).** Notice sur deux nouveaux Brachiopodes trouvés dans le terrain tertiaire oligocène du Limbourg néerlandais et du Limbourg belge. (Tract.) 8vo. *Amsterdam*, 1862.
- . Notice sur quelques mollusques lamellibranches nouveaux trouvés dans les couches tertiaires du Limbourg belge. (Tract.) 8vo. *Brussels*.
- Bosset (— de).** Notice sur la présence temporaire de l' *Ophidium imberbe* (fierafer ou fierasfer) dans la cavité du corps d'une Holothurie orangée de la Faune française. (Tract.) 4to. *Neufchatel*, 1834.
- Bossi (Luigi).** Spiegazione di alcuni vocaboli Geologici, Litologici, Mineologici per ordine d'alfabeto, etc. 8vo. *Milan*, 1817.
- Bostock (John).** An account of the History and present state of Galvanism. 8vo. *London*, 1818.
- . Elementary System of Physiology. 3 vols. 8vo. *London*, 1824–27.
- . The first and thirty-third books of Pliny's 'Natural History,' a specimen, &c. (Tract.) 8vo. *London*, 1828.
- . On the Purification of Thames Water. (Tract.) 4to. *London*, 1829.
- Botanical Congress, 1866.** See HORTICULTURAL EXHIBITION.
- Botfield (Beriah).** Shropshire, its History and Antiquities. 4to. *London*, 1860.
- Bott (Arthur).** The Geology of Camberwell. Extracted . . . from "Ye Parish of Camberwell." (Tract.) 8vo. *London*, 1875.
- Böttger (Oskar).** Ueber den Mergel vom Gokwe in Südafrika und seine Fossilien. (Tract.) 8vo. *Offenbach*, 1871.
- . Kurze Notizen über die im Laufe des Vereinsjahres 1871 auf 1872 in den geschichteten Formationen der Umgebung von Offenbach neu gemachten Funde an Versteinerungen. (Tract.) 8vo. *Offenbach*, 1873.
- . *Spermophilus citillus*, var. *superciliosus*, Kaup, ein riesiger fossiler Ziesel von Bad Weilbach, nebst einer Kritik der bis jetzt in der Literatur erwähnten fossilen Spermophilusarten. (Tract.) 8vo. *Offenbach*, 1874.
- . Ueber die Gliederung der Cyrenenmergelgruppe im Mainzer Becken. (Tract.) 8vo. *Frankfort*, 1875.
- . Ueber das kleine *Anthracotherium* aus der Braunkohle von Rott bei Bonn. (Tract.) 4to. *Cassel*, 1877.
- . Die Tertiärfauna von Pebas am oberen Marañon. (Tract.) 8vo. *Vienna*, 1878.
- . See VERBEEK (R. D. M.).
- Bottio (Gaetano de).** Ragionamento istorico intorno a' nuovi Vulcani comparsi nella fine dell' anno scorso 1760, nel territorio della Torre del Greco. 4to. *Naples*, 1761.
- Boubée (Nérée).** Tableau mnémonique des terrains primitifs. (Tract.) 8vo. *Paris*, 1831.
- . Promenade au Mont Dore, pour l'étude de la question des cratères de soulèvement. 12mo. *Paris*, 1833.
- Bouchard-Chantereaux (—).** Catalogue des Mollusques marins sur les Côtes du Boulonnais. (Tract.) 8vo. *Boulogne*, 1835.

- Bouchard-Chantereaux** (—). Catalogue des Mollusques terrestres et fluviatiles observés jusqu'à ce jour à l'état vivant dans le département du Pas-de-Calais. (Tract.) 8vo. *Boulogne*, 1837.
- . Note sur le genre *Productus*. (Tract.) 4to. *Paris*, 1842.
- . Mémoire sur un nouveau genre de Brachiopodes, formant le passage des formes articulées à celles qui ne le sont pas. (Tract.) 8vo. *Paris*, 1849.
- . See **DAVIDSON** (Thomas).
- Boucheporn** (Félix de). Etudes sur l'Histoire de la Terre, et sur les causes des révolutions de sa surface. 8vo. *Paris*, 1844.
- Boucher de Crèvecœur de Perthes** (Jacques). Antiquités celtiques et antédiluviennes. 3 vols. 8vo. *Paris*, 1847-64.
- . De l'Homme antédiluvien et ses œuvres. (Tract.) 2 copies. 8vo. *Paris*, 1860.
- . De la Génération spontanée. (Tract.) 8vo. *Paris*, 1861.
- . Nègre et Blanc : de qui sommes-nous fils ? (Tract.) 8vo. *Paris*, 1861.
- . Des Idées innées : de la Mémoire et de l'Instinct. (Tract.) 8vo. *Paris*, 1867.
- . See **CHATEL** (Victor).
- Boué** (Ami). Mémoire géologique sur les terrains anciens et secondaires du sud-ouest de l'Allemagne, au nord du Danube. (Tract.) 8vo. *Paris*, 1824.
- . Geognostisches Gemälde von Deutschland. Herausgegeben von C. C. von Leonhard. 8vo. *Frankfort*, 1829.
- . Essai géologique sur l'Ecosse. 8vo. *Paris*, 1829.
- . Résumé des observations de A. Boué, sur l'âge relatif des dépôts secondaires dans les Alpes et les Carpathes. (Tract.) 8vo. *Paris*, 1830.
- . Mémoires Géologiques et Paléontologiques. Vol. I. 8vo. *Paris and Brussels*, 1832.
- . Guide du Géologue-Voyageur, sur le modèle de l'Agenda Geognostica de M. Leonhard. 2 vols. 8vo. *Paris*, 1835-36.
- . Esquisse géologique de la Turquie d'Europe. (Tract.) 2 copies. 8vo. *Paris*, 1840.
- . La Turquie d'Europe. 4 vols. 8vo. *Paris*, 1840.
- . Ueber eine Detail-Karte des Kraina-Knejina (oder Kraina-Kreises) Serbiens. (Tract.) 8vo. *Vienna*, 1856.
- . Auszug aus einem Schreiben des Herrn Ludwig Jeitteles. (Tract.) 8vo.
- Bouillé** (R. de). Paléontologie de Biarritz, et de quelques autres localités des Basses-Pyrénées. 8vo. *Pau*, 1873.
- Bouillet** (J. B.). Topographie minéralogique du département du Puy-de-Dôme, etc. (Tract.) 8vo. *Clermont-Ferrand*, 1829.
- . Catalogue des espèces et variétés de Mollusques, observés jusqu'à ce jour à l'état vivant, dans la Haute- et la Basse-Auvergne, . . . suivi d'un autre Catalogue des espèces fossiles. (Tract.) 2 copies. 8vo. *Clermont*, 1836.
- . See **DEVÈZE DE CHABRIOL** (J. S.) and **LECOQ** (H.).
- Boulanger** (C.). See **BUCH** (Leopold von).

- Boulanger (—) and Bertera (—).** Texte explicatif de la Carte géologique du département du Cher. 8vo. *Paris*, 1850.
- Boulay (N.).** Le terrain houiller du Nord de la France. Thèse de géologie présentée à la Faculté des Sciences de Caen pour obtenir le grade de Docteur ès Sciences naturelles. 4to. *Lille*, 1876.
- . Recherches de paléontologie végétale sur le terrain houiller des Vosges. 8vo. *Colmar*, 1879.
- Boulogne-sur-mer.** Notice sur la Colonne des Bourbons. (Tract.) 4to. *Boulogne*, no date.
- Boult (Joseph).** On the alleged Submarine Forests on the Shores of Liverpool Bay and the River Mersey. (Tract.) 8vo. *Liverpool*, 1865.
- . Further Observations on the alleged Submarine Forests on the shores of Liverpool Bay and the River Mersey. (Tract.) 8vo. *Liverpool*, 1866.
- Boulton (John).** Particulars of a First Exploration of the extensive and newly-discovered Cavern at Stainton, Low Furness. (Tract.) 12mo. *Ulverston*, 1871.
- Bouquet (J.).** Nouvelle Analyse de l'eau de la Source de Saint-Yorre, bassin de Vichy. (Tract.) 8vo. *Paris*, 1860.
- Bourguet (L.).** Lettres Philosophiques sur la Formation des Sels et des Crystaux et sur la Génération et le Mécanisme organique des Plantes et des Animaux. 8vo. *Amsterdam*, 1729.
- . Traité des Petrifications. 4to. *Paris*, 1742.
- Bourguignat (J. B.).** Ses ouvrages scientifiques en vente. (Tract.) 8vo. *Paris*, 1862.
- . Histoire du Djebel-Thaya et des ossements fossiles recueillis dans la grande caverne de la Mosquée. 4to. *Paris*, 1870.
- Bourjot (A. A.).** Géogénie du double massif du Sahel d'Alger et des promontoires qui limitent ses rivages. Avec cartes et plans par F. A. Moliner-Violle. 8vo. *Algiers*, 1879.
- Bourne (Auguste).** Description pittoresque de la Grande-Chartreuse, suivie de notes sur la géologie, les fossiles, etc. (Tract.) 8vo. *Grenoble*, 1853.
- Bournon (J. L., Comte de).** Essai sur la Lithologie des environs de Saint-Etienne-en-Forez. 8vo. *Lyons*, 1785.
- . Traité complet de la Chaux carbonatée et de l'Arragonite. 2 vols. and plates. 4to. *London*, 1808.
- . Planches du Catalogue de la collection minéralogique. *London*, 1813.
- . Catalogue raisonné des Diamants dans le Cabinet de Sir Abraham Hume, Bart. 4to. *London*, 1815.
- . Mémoire sur la Société Géologique de Londres. (Tract.) MS.
- Bourrit (Marc Théodore).** Voyage aux Glacières de Savoye, fait en 1772. 8vo. *Geneva*, 1773.
- Bourrit (Octave).** See BIEDERMANN (W. G. A.).
- Boussingault (J. B.).** See RIVERO (Mariano de).
- Bove (Vincenzo).** Il Vesuvio acceso. (Tract.) 12mo. *Naples*, 1632.
- Bowdich (T. Edward).** An Analysis of the Natural Classification of Mammalia. 8vo. *Paris*, 1821.
- . An Introduction to the Ornithology of Cuvier. 8vo. *Paris*, 1821.

- Bowdich** (T. Edward). Elements of Conchology, including the Fossil genera and the Animals. 8vo. *Paris*, 1822.
- Bowditch** (Henry J.). An Address on the Life and Character of James Deane, M.D., of Greenfield, Mass. (Tract.) 8vo. *Greenfield*, 1858.
- Bowen** (Sir G. F.). Fourth Anniversary Address . . . New Zealand Institute. (Tract.) 8vo. *Wellington*, 1872.
- Bowerbank** (J. S.). On the Spongy origin of Moss Agates and other siliceous bodies. (Tract.) 8vo. *London*, 1842.
- . A Monograph of the British Spongiadae. (Ray Society.) 3 vols. 8vo. *London*, 1864–74.
- . Observations on the Tidal Transit of Beach Shingle. (Tract.) 8vo. *Hastings*, 1870.
- . On the Sea-Beach Question.—Two papers. 8vo. *Hastings*, 1870.
- Bowles** (William). Introduction à l'Histoire naturelle et à la Géographie physique de l'Espagne; traduite de l'original espagnol, par le Vicomte de Flavigny. 8vo. *Paris*, 1776.
- . Introduzione alla Storia naturale e alla Geografia fisica di Spagna: pubblicata e comentata dal Giuseppe Niccola d'Azara: tradotta da Francesco Milizia. 2 vols. 8vo. *Parma*, 1783.
- . Catalogue (Sale) of his valuable Collection of Minerals. (Tract.) 8vo. *London*, 1830.
- Bowman** (John Eddowes). On the Origin of Coal; and the Geological Conditions under which it was produced. (Tract.) 8vo. *Manchester*, 1840.
- . Observations on the Characters of the Fossil Trees lately discovered on the line of the Bolton Railway, near Manchester. (Tract.) 8vo. *Manchester*, 1841.
- . On a White Powder found under a Peat Bog in Lincolnshire, composed of the siliceous fragments of microscopic parasitical Con-fervæ. (Tract.) 8vo. *Manchester*, 1841.
- . Notice of Upper Silurian Rocks in the vale of Llangollen, North Wales, etc. (Tract.) 8vo. *Manchester*, 1841.
- Boyd** (R. Nelson). Coal Mines Inspection: its History and Results. 8vo. *London*, 1879.
- Boyle** (Robert). An Essay about the Origine and Virtues of Gems. 8vo. *London*, 1672.
- Boys** (William). Testacea minuta rariora; a Collection of the Minute and Rare Shells lately discovered in the sand of the sea-shore near Sandwich, considerably augmented, and all their figures accurately drawn by George Walker. 4to. *London*, 1784.
- Braccini** (Giulio Cesare). Relazione dell' Incendio fattosi nel Vesuvio, 1631. (Tract.) 12mo. *Naples*, 1631.
- Brady** (George Stewardson). A Monograph of the free and semi-parasitic Copepoda of the British Islands. Vols. i., ii. (Ray Society.) 8vo. *London*, 1878–80.
- , **Crosskey** (Henry William), and **Robertson** (David). A Monograph of the Post-Tertiary Entomostraca of Scotland, including Species from England and Ireland. (Palæontographical Society.) 4to. *London*, 1874.

- Brady** (George Stewardson). See SERIALS, ETC.: LONDON, Palæontographical Society; JONES (T. R.).
- Brady** (Henry Bowman). On some Fossil Foraminifera from the West-coast District, Sumatra. (Tract.) 8vo. London, 1875.
- . A Monograph of Carboniferous and Permian Foraminifera (the Genus *Fusulina* excepted). (Palæontographical Society.) 4to. London, 1876.
- . See SERIALS, ETC.: LONDON, Palæontographical and Ray Societies; JONES (Thomas Rupert), and PARKER (W. Kitchen).
- Brahe** (Tycho). See SERIALS, ETC. COPENHAGEN. Danske Videnskabsnernes Selskab.
- Braim** (Thomas Henry). History of New South Wales, from its Settlement to the close of the year 1844. 2 vols. 8vo. London, 1846.
- Brainerd** (J.). Fossil Fishes [from near Cleveland, Cuyahoga County, Ohio]. (Tract.) 8vo.
- Bramwell** (F. J.) and **Easton** (Edward). London Water Supply. (Tract.) 8vo. London, 1877.
- Brancaleone** (Salvatore). Biografia di Carlo Gemmellaro. (Tract.) 8vo. Catania, 1866.
- Brande** (William Thomas). Experiments to ascertain the State in which Spirit exists in Fermented Liquors. (Tract.) 4to. London, 1811.
- . A Descriptive Catalogue of the British Specimens deposited in the Geological Collection of the Royal Institution. (Tract.) 8vo. London, 1816.
- . Observations on an astringent vegetable substance from China. (Tract.) 4to. London, 1817.
- . Outlines of Geology; being the substance of a course of lectures delivered in the Theatre of the Royal Institution in the year 1816. 8vo. London, 1817.
- Brandenstein** (W. F. von). Getreu aufgenommene Gebirgsgegenden und Höhlen um und bey Muggendorf, für Freunde der Natur- und Gebirgskunde. Sm. 4to. Nuremberg, 1811-16.
- Brander** (Gustavus). Fossilia Hantoniensia collecta et in Musæo Britannico deposita. 3 copies. 4to. London, 1766.
- Brandis** (J. D.). See BEROLDINGEN (Franz von).
- Brandt** (Johann Friedrich). Bericht über eine Abhandlung: Untersuchung der Gattung *Hyrax* in anatomischer und verwandtschaftlicher Beziehung. (Tract.) 8vo. St. Petersburg, 1862.
- . Bericht über die Acquisitionen der zoologischen und zootomischen Sammlung der kaiserl. Akademie der Wissenschaften während des 1864sten Jahres, etc. (Tract.) 8vo. St. Petersburg, 1864.
- . Observationes de *Elasmotherii* reliquiis. (Tract.) 4to. St. Petersburg, etc., 1864.
- . Ueber die bisher aufgefundenen Reste des *Elasmotherium*. (Tract.) 8vo. St. Petersburg, 1864.
- . Bemerkungen über die Classification der kaltblütigen Rückenmarkthiere zur Beantwortung der Frage Was ist ein Fisch? (Tract.) 4to. St. Petersburg, 1865.
- . Bericht über den ersten Theil meiner Beiträge zur Kenntniss der Entwicklungsstufen der ganoiden Fischformen. (Tract.) 8vo. St. Petersburg, 1865.

- Brandt** (Johann Friedrich). Bericht über den zweiten Theil seiner "Beiträge zur Kenntniss der Entwicklungsstufen der Ganoiden." (Tract.) 8vo. *St. Petersburg*, 1865.
- . Bericht über eine Arbeit unter dem Titel: Zoographische und paläontologische Beiträge. (Tract.) 8vo. *St. Petersburg*, 1866.
- . Einige Worte zur Ergänzung meiner Mittheilungen über die Naturgeschichte des Mammuth. (Tract.) 8vo. *St. Petersburg*, 1866.
- . Mittheilungen über die Naturgeschichte des Mammuth oder Mamont, *Elephas primigenius*. (Tract.) 8vo. *St. Petersburg*, 1866.
- . Ueber den vermeintlichen Unterschied des caucasischen Bison, Zubr oder sogenannten Auerochsen, vom lithauischen (*Bos bison* seu *bonasus*). (Tract.) 8vo. *Moscow*, 1866.
- . Zoogeographische und paläontologische Beiträge. 8vo. *St. Petersburg*, 1867.
- . Ueber das Haarkleid des ausgestorbenen nordischen (büschelhaarigen) Nashorns (*Rhinoceros tichorhinus*). (Tract.) 8vo. *St. Petersburg*, 1869.
- . Neue Untersuchungen über die in den altaischen Höhlen gefundenen Säugethierreste, ein Beitrag zur quaternären Fauna des russischen Reiches. (Tract.) 8vo. *St. Petersburg*, 1870.
- . Ueber die von Adolph Göbel auf seiner persischen Reise bei der Stadt Maragha in der Provinz Aderbeidjan gefundenen Säugethierreste. (Tract.) 4to. *Riga*, 1870.
- . Ueber eine neue Classification der Bartenwale (Balænoidea) mit Berücksichtigung der untergegangenen Gattungen derselben. (Tract.) 8vo. *St. Petersburg*, 1871.
- . Bemerkungen über die untergegangenen Bartenwale (Balænoiden), deren Reste bisher im Wiener Becken gefunden wurden. (Tract.) 8vo. *Vienna*, 1872.
- . Bericht über den bereits vollendeten, druckfertigen Theil seiner Untersuchungen über die fossilen und subfossilen Cetaceen Europas. (Tract.) 8vo. *St. Petersburg*, 1872.
- . Einige Worte über die Eintheilung der Zahnwale (Odontoceti). (Tract.) 8vo. *St. Petersburg*, 1872.
- . Blicke auf die Verbreitung der in Europa bisher entdeckten Zahnwale der Tertiärzeit in specieller Beziehung auf die des Wiener Beckens. (Tract.) 8vo. *Vienna*, 1873.
- . Ueber bisher in Russland gefundene Reste von Zeuglodonten. (Tract.) 8vo. *St. Petersburg*, 1873.
- . See GEINITZ (H. B.).
- and **Helmersen** (G. von). Vorschlag zur Anstellung paläontologischer Nachgrabungen im südlichen Russland. (Tract.) 8vo. *St. Petersburg*, 1860.
- Brard** (C. Prosper). Traité des pierres précieuses, des Porphyres, Granits, Marbres, Albâtres, et autres roches propres à recevoir le poli, etc. 2 vols. 2 copies. 8vo. *Paris*, 1808.
- . Histoire des Coquilles terrestres et fluviatiles qui vivent aux environs de Paris. (Tract.) 8vo. *Paris*, 1815.
- Braun** (Alexander). The Phenomenon of Rejuvenescence in Nature, especially in the life and development of plants. Translated by A. Henfrey. (Ray Society.) 8vo. *London*, 1853.

- Braun** (Friedrich). Verzeichniss der in der Kreis-Naturalien-Sammlung zu Bayreuth befindlichen Petrefacten. 4to. *Leipzig*, 1840.
- . See MÜNSTER (Georg, Graf zu).
- Brauns** (D.). Der mittlere Jura im nordwestlichen Deutschland, von den Posidonienschiefern bis zu den Ornatenschichten, mit besonderer Berücksichtigung seiner Molluskenfauna. 8vo. *Cassel*, 1869.
- . Der untere Jura im nordwestlichen Deutschland von der Grenze der Trias bis zu den Amaltheenthonen, mit besonderer Berücksichtigung seiner Molluskenfauna. 8vo. *Brunswick*, 1871.
- . Der obere Jura im nordwestlichen Deutschland von der oberen Grenze der Ornatenschichten bis zur Wealdbildung, mit besonderer Berücksichtigung seiner Molluskenfauna. 8vo. *Brandenburg*, 1874.
- . Technische Geologie, oder die Geologie in Anwendung auf Technik, Gewerbe und Landbau. 8vo. *Halle*, 1878.
- Bravais** (Auguste). Sur les lignes d'ancien niveau de la mer dans le Finmark. (Tract.) 8vo. *Paris*, 1848.
- . See ELIE DE BEAUMONT (L.) and QUETELET (A.).
- Bravard** (Auguste). Monografia de los terrenos marinos terciarios de las cercanias del Parana. (Tract.) 8vo. *Parana*, 1858.
- . Catalogue des espèces d'animaux fossiles recueillies dans l'Amérique du Sud. (Tract, lith.) 4to. *Parana*, 1860.
- Bray** (Comte de). See STERNBERG (Kaspar von).
- Brayley** (E. W.). On the probable Connection of Rock-Basins, in Form and Situation, with an internal Concretionary Structure in the rocks on which they occur, etc. (Tract.) 8vo. *London*, 1830.
- . The Utility of the Knowledge of Nature. 8vo. *London*, 1831.
- . Abstracts of two lectures on the Nature and Physical History of Glass. (Tract.) 8vo. *London*, 1845.
- . Abstract of a lecture on the Nature and Physical History of Porcelain and Earthenware. (Tract.) 8vo. *London*, 1845.
- . On the Relation of the Luminous Prominences to the Faculae of the Sun. (Tract.) 2 copies. 8vo. *London*, 1869.
- . See PARKES (Samuel).
- Brazil**. See EXHIBITION of 1855.
- . Imperial Brazilian Mining Association. First, second, and third Reports of the Directors to the Shareholders. 3 vols. 8vo. *London*, 1826–27.
- Brearey** (Fred. W.). Paper read [before the] Aëronautical Society of Great Britain. (Tract.) 8vo. *London*, 1866.
- Breda** (Jacques Gisbert Samuel van). Bedenkingen omtrent hetgeen uit de, bij de putboring te zeist opgebragte gronden, aangaande den geologischen aard van den bodem Aldaar kan afgeleid worden. (Tract.) 8vo. *Leyden*, 1835.
- Brede** (F. Julius). Beschaffenheit der Erde. (Tract.) 8vo. *Altona*, 1837.
- Breislak** (Scipione). Beiträge zur Mineralogie von Italien. Mineralogische Reise durch einen Theil des Kirchenstaats. 8vo. *Frankfort and Mayence*, 1789.
- . Voyages physiques et lithologiques dans la Campanie; suivis d'un mémoire sur la constitution physique de Rome. Traduits par le Général Pommereuil. 2 vols. 8vo. *Paris*, 1801.
- . Introduzione alla Geologia. 2 vols. 8vo. *Milan*, 1811.

- Breislak** (Scipione). Introduction à la Géologie. Traduit de l'italien par J. J. B. Bernard. 8vo. *Paris*, 1812.
- . Institutions Géologiques. Traduites du manuscrit italien par P. J. L. Campmas. 3 vols. 8vo. *Milan*, 1818.
- . Atlas Géologique, ou vues d'amas de colonnes basaltiques. 8vo. *Milan*, 1818.
- . Sulla giacitura di alcune rocce porfirittiche e granitose osservate nel Tirolo dal Sig. Conte Marzari-Pencati. (Tract.) 2 copies. 8vo. *Milan*, 1821.
- . Descrizione Geologica della Provincia di Milano. 8vo. *Milan*, 1822.
- . See N. . . . N.
- , **Barral** (P. de), and **Dolomieu** (Déodat de). Beiträge zur Mineralogie von Italien. 8vo. *Frankfort on M.*, 1789.
- Breithaupt** (August). Ueber die Aechtheit der Kristalle. (Tract.) 8vo. *Freiberg*, 1815.
- Brent** (George Smith). Notes on a Map of the World. Fasciculus I. On the Configuration of Continents. (Tract.) 8vo. *London*, 1850.
- Brest to Paris**. See **PARIS TO BREST**. Profil Géologique suivant le tracé du chemin de fer.
- Breton** (W. H.). Scandinavian Sketches, or a Tour in Norway. 8vo. *London*, 1835.
- Brewer** (W. H.) See **SURVEYS: CALIFORNIA**.
- Brewster** (Sir David). His last days and death. Remarks by Lyon Playfair, Sir James Y. Simpson, and David Stevenson. (Tract.) 12mo. *Edinburgh*, 1868.
- . Notice respecting a Singular Optical Property of Tabasheer. (Tract.) 8vo. *Edinburgh*, 1819.
- . On a new Optical and Mineralogical Structure, exhibited in certain specimens of Apophyllite and other minerals. (Tract.) 8vo. *Edinburgh*, 1819.
- . On certain new Phenomena of Colour in Labrador Felspar. (Tract.) 4to. *Edinburgh*, 1829.
- . Observations relative to the Structure and Origin of the Diamond. (Tract.) 8vo. *London*, 1833.
- . See **EDINBURGH ENCYCLOPÆDIA** and **HORNER** (Leonard).
- Briart** (Alphonse) and **Cornet** (F. L.). Description minéralogique et stratigraphique de l'étage inférieur du terrain Crétacé du Hainaut, suivie de la description des végétaux fossiles de cet étage, par Eugène Coemans. (Tract.) 4to. *Brussels*, 1867.
- . Description des fossiles du Calcaire grossier de Mons. 1^{re} partie. Gastéropodes. Ordre I. Prosobranches. Section A. Siphonostomes. (Tract.) 4to. *Brussels*, 1870.
- . Notice sur la position stratigraphique des lits coquilliers dans le terrain houiller du Hainaut. (Tract.) 8vo. *Brussels*, 1872.
- . See also **CORNET** (F. L.).
- and **Houzeau de Lehaie** (A.). Rapport sur les Découvertes Géologiques et Archéologiques faites à Spiennes en 1867. (Tract.) 8vo. *Mons*, 1868.

- Bridgewater Treatises.** See **BABBAGE** (Charles), **KIRBY** (William), and **WHEWELL** (William).
- Brigg** (John). *The Industrial Geology of Bradford.* (Tract.)
8vo. *Leeds*, 1874.
- Brigham** (William T.). *Notes on the Volcanoes of the Hawaiian Islands, with a history of their various eruptions.* 4to. *Boston*, 1868.
- . *Historical notes on the Earthquakes of New England, 1638–1869.* (Tract.) 2 copies. 4to. *Boston, Mass.*, 1871.
- Bright** (Richard). *Lecture on Namaqualand and its Mines.* (Tract.)
12mo. *Cape Town*, 1855.
- Brignoli di Brunnhoff** (Giovanni de'). See **DE' BRIGNOLI DI BRUNNHOF** (G.).
- Brinkley** (John). *On the Method of finding the Longitude from the Culmination of the Moon and Stars.* (Tract.) 8vo. *Dublin*, 1825.
- Bristol.** *Handbook to the Local Museum.* 8vo. *Bristol*, 1875.
- . *Museum and Library. Catalogue of Books.* Edited by John Taylor. 8vo. *Bristol*, 1878.
- Bristol and its Environs.** *Physical Geography and Geology.*
8vo. *Bristol*, 1875.
- Bristol and Taunton Canal.** See **SMITH** (William).
- Bristow** (Henry William). *A Glossary of Mineralogy.*
8vo. *London*, 1861.
- . *The Geology of the Isle of Wight. List of fossils revised by R. Etheridge. Notes on the Eocene Flora of Alum Bay by Philippe Dela Harpe and J. W. Salter. (Geological-Survey Memoirs).* 2 copies.
8vo. *London*, 1862.
- . *On the Lower Lias or Lias-Conglomerate of a part of Glamorganshire.* (Tract.) 8vo. *London*, 1867.
- . See **FIGUIER** (Louis); **SURVEYS—ENGLAND and WALES, and GREAT BRITAIN, Museum of Practical Geology; and KING'S COLLEGE, London.**
- and **Etheridge** (R.). *Table of British Sedimentary and Fossiliferous Strata.* 8vo. *London*, 1873.
- and **Whitaker** (William). *On the Formation of the Chesil Bank, Dorset.* (Tract.) 8vo. *London*, 1869.
- British Association.** *Report to be presented by the Parliamentary Committee to the British Association for the Advancement of Science at Glasgow, on the question, Whether any measures could be adopted by the Government or Parliament that would improve the position of Science or its Cultivators in this country.* (Tract.)
8vo. *London*, 1855.
- . *Bath Meeting, 1864. Authorized reprint of the Reports in the special daily editions of the 'Bath Chronicle.'*
8vo. *Bath and London*, 1864.
- . *Belfast Meeting, 1874. Excursion Notes.* (Tract.)
8vo. *Belfast*, 1874.
- . *Glasgow Guide Books.* 3 vols. 8vo. *Glasgow*, 1876.
- Notices of some of the principal Manufactures of the West of Scotland, by **St. John V. Day**, **John Mayer**, **James Paton**, and **John Ferguson.**
- Notes on the Fauna and Flora of the West of Scotland, by Edward*

R. Alston, Robert Gray, Peter Cameron, James Ramsay, and J. Stirton.

Catalogue of the Western Scottish Fossils, by James Armstrong, John Young, and David Robertson. With introduction on the Geology and Palæontology of the district by Professor Young. 2 copies.

British Association. Sheffield Guide Book.

Guide to the Town and District of Sheffield, especially prepared for Members and Associates attending the Sheffield Meeting of the British Association, by A. H. Green, J. M. Mello, J. D. Leader, G. R. Vine, F. Brittain, E. Birks, and J. Taylor.

12mo. *Sheffield*, 1879.

———. See MERSEY CHANNELS.

British-Museum Publications. *Amphibia*. Catalogue of the Specimens of the Amphibia in the Collection. Part II. Batrachia Gracientia, &c. 2 copies.

12mo. *London*, 1850.

———. Catalogue of the Batrachia Salientia in the Collection. By Albert Günther.

8vo. *London*, 1858.

———. *Anoplura*. List of British Anoplura, or Parasitic Insects. By H. Denny. 2 copies.

12mo. *London*, 1852.

———. *Birds*. Catalogue of the Genera and Subgenera of Birds. By G. R. Gray. 2 copies.

12mo. *London*, 1855.

———. List of the Specimens of Birds in the Collection. Part I. [2nd edition] Accipitres. Part II. Section 1, Fissirostres. Part III. Gallinæ, Grallæ, and Anseres. Part III. Section 1, Ramphastidæ. Section 2, Psittacidæ. Part IV. Columbæ. Part V. Gallinæ.

12mo. *London*, 1844–47.

———. List of British Birds. By G. R. Gray.

12mo. *London*, 1850.

———. List of the Eggs of British Birds. By G. R. Gray. 2 copies.

12mo. *London*, 1852.

———. Catalogue of the Birds of the Tropical Islands of the Pacific Ocean in the Collection. By G. R. Gray.

12mo. *London*, 1859.

———. See MAMMALIA and BIRDS.

———. *Coleoptera*. List of the Coleopterous Insects in the Collection. Part I. Cucujidæ, &c. by Fred. Smith. 2 copies. Parts VI.–VIII. Longicornia, by A. White (Part VII. in duplicate), and Part IX. Cassididæ, by C. H. Boheman. 4 parts.

12mo. *London*, 1851–56.

———. Catalogue of the Halticidæ in the Collection. By Hamlet Clark. Physapodes and Œdipodes. Part I.

8vo. *London*, 1860.

———. Catalogue of Hispidæ in the Collection. By J. S. Baly. Part I.

12mo. *London*, 1858.

———. List of British Curculionidæ, with Synonyma. By John Walton.

12mo. *London*, 1856.

———. Catalogue of the Coleopterous Insects of Madeira in the Collection. By T. Vernon Wollaston.

8vo. *London*, 1857.

———. Nomenclature of Coleopterous Insects in the Collection. Parts I.–IV. and Part VI. By Adam White and F. Smith. (Part VI. in duplicate.)

12mo. *London*, 1847–52.

- British-Museum Publications.** *Crustacea.* List of the Specimens of Crustacea in the Collection. By A. White. 12mo. London, 1847.
- . List of British Crustacea. By A. White. 2 copies. 12mo. London, 1850.
- . Catalogue of Crustacea in the Collection. Part I. Leucosiadae. By Thomas Bell. 12mo. London, 1855.
- . *Diatomaceæ.* List of British Diatomaceæ in the Collection. By Rev. W. Smith. 12mo. London, 1859.
- . *Diptera.* List of the Specimens of Dipterous Insects in the Collection. Parts I.–VII. and Supplements. By Francis Walker. (Parts V.–VII. in duplicate.) 12mo. London, 1848–55.
- . Nomenclature of (British) Diptera. Part I. By A. White. 12mo. London, 1853.
- . *Echinodermata.* Catalogue of the recent Echinida, or Sea Eggs, in the Collection. Part I. Echinida Irregularia. 2 copies. 12mo. London, 1855.
- . Synopsis of the Species of Starfish. By John Edward Gray. 4to. London, 1846.
- . *Entozoa.* Catalogue of the Species of Entozoa, or Intestinal Worms, contained in the Collection. By Dr. Baird. 2 copies. 12mo. London, 1853.
- . *Fish.* List of the Specimens of Fish in the Collection. Part I. Chondropterygii. 2 copies. 12mo. London, 1851.
- . List of British Fish. By A. White. 2 copies. 12mo. London, 1851.
- . Catalogue of Fish collected and described by Lawrence Theodore Gronow. 2 copies. 12mo. London, 1854.
- . Catalogue of the Acanthopterygian Fishes in the Collection. By A. Günther. Vols. i., ii. 8vo. London, 1859–60.
- . Catalogue of Apodal Fish in the Collection. By J. J. Kaup. 8vo. London, 1856.
- . Catalogue of Lophobranchiate Fish in the Collection. By J. J. Kaup. 12mo. London, 1856.
- . *Hemiptera.* List of the Specimens of the Hemipterous Insects in the Collection. Parts I. and II. By W. S. Dallas. 2 copies. 8vo. London, 1851–52.
- . *Homoptera.* List of the Specimens of the Homopterous Insects in the Collection. Parts I.–IV., and Supplement. By F. Walker. 2 copies. 12mo. London, 1850–58.
- . *Hymenoptera.* List of the Specimens of Hymenopterous Insects in the Collection, by Francis Walker. Parts I. and II. Chalcidites. 12mo. London, 1846–48.
- . Catalogue of Hymenopterous Insects in the Collection, by Frederick Smith. Parts I.–VII. (Parts I.–III. in duplicate.) 12mo. London, 1853–59.
- . Catalogue of British Hymenoptera in the Collection, by Frederick Smith. Part I. Apidæ—Bees. 12mo. London, 1855.
- . Descriptions of New Species of Hymenoptera in the Collection. By [the late] Frederick Smith. 8vo. London, 1879.
- . List of British Hymenoptera Aculeata, by Frederick Smith. 2 copies. 12mo. London, 1851.

- British-Museum Publications.** *Hymenoptera.* Catalogue of British Ichneumonidæ in the Collection. By Thomas Desvignes.
12mo. London, 1856.
- . Nomenclature of (British) Hymenoptera, by Frederick Smith. 2 copies. 12mo. London, 1853.
- . etc. Catalogue of British Fossorial Hymenoptera, Formicidæ, and Vespidae, in the Collection, by Frederick Smith.
12mo. London, 1858.
- . *Lepidoptera.* Catalogue of Lepidopterous Insects in the Collection of the British Museum. Part I. Papilionidæ. By G. R. Gray. 2 copies. 4to. London, 1852.
- . ———. Part I. 12mo. London, 1856.
- . List of the Specimens of Lepidopterous Insects in the Collection. Parts I. and II., and Appendix. By G. R. Gray and E. Doubleday. 12mo. London, 1844–48.
- . List of the Specimens of Lepidopterous Insects in the Collection, by Francis Walker. Parts I.–XXI. (Parts I.–II. in duplicate. 12mo. London, 1854–60.
- . List of British Lepidoptera. By J. F. Stephens and H. T. Stainton. 4 parts. (3 parts in duplicate.)
12mo. London, 1850–56.
- . *Mammalia.* List of the Specimens of Mammalia in the Collection of the British Museum. By J. E. Gray. 12mo. London, 1843.
- . Catalogue of the Specimens of Mammalia in the Collection. Parts I.–III. Cetacea, Seals, and Ungulata Furcipedæ. By J. E. Gray. (Part III. in duplicate.)
12mo. London, 1850–52.
- . *Mammalia and Birds.* Catalogue of the Specimens and Drawings of Mammalia and Birds of Nepal and Thibet, presented by B. H. Hodgson. 12mo. London, 1846.
- . Catalogue of the Mammalia and Birds of New Guinea in the Collection, by J. E. Gray and George Robert Gray.
12mo. London, 1859.
- . *Meteorites.* Catalogue of the Collection of Meteorites exhibited in the Mineral department. By N. Story Maskelyne. (Tract.)
8vo. London, 1872.
- . *Minerals.* Index to the Collection of Minerals, with references to the table cases in which the species to which they belong are exhibited. By Nevil Story Maskelyne. (Tract.)
8vo. London, 1872.
- . *Mollusca.* Guide to the Systematic Distribution of Mollusca in the Museum. Part I. By J. E. Gray.
12mo. London, 1857.
- . List of the Mollusca in the Collection, by J. E. Gray. Part I. Volutidæ. 12mo. London, 1855.
- . Catalogue of the Mollusca in the Collection, by J. E. Gray. Parts I. and II. Cephalopoda Antepedia and Pteropoda.
12mo. London, 1849–50.
- . Catalogue of the Bivalve Mollusca in the Collection, by J. E. Gray. Part I. Placuniadæ and Anomiadæ. 2 copies.
12mo. London, 1860.

- British-Museum Publications.** *Mollusca.* Catalogue of the Bivalve Mollusca in the Collection, by J. E. Gray. Part IV. Brachiopoda ancylopoda, or Lamp Shells. 2 copies. 12mo. London, 1853.
- . Catalogue of the Conchifera or Bivalve Shells in the Collection, by G. B. Deshayes. Part I. Veneridæ, Cyprinidæ, and Glauconomidæ. 2 copies. Part II. Petricoladæ (concluded); Corbiculadæ. 12mo. London, 1853-54.
- . Catalogue of Auriculidæ, Proserpinidæ, and Truncatellidæ in the Collection. By Louis Pfeiffer. 12mo. London, 1857.
- . List of British Mollusca Acephala, and Brachiopoda, by J. E. Gray. 2 copies. 12mo. London, 1851.
- . Catalogue of the Phaneropneumona, or Terrestrial operculated Mollusca, in the Collection, by L. Pfeiffer and J. E. Gray. 2 copies. 12mo. London, 1852.
- . Catalogue of Pulmonata, or Air-breathing Mollusca, in the Collection, by L. Pfeiffer and J. E. Gray. Part I. 2 copies. 12mo. London, 1855.
- . List of Mollusca and Shells in the Collection, collected and described by MM. Eydoux and Souleyet, etc. 2 copies. 12mo. London, 1855.
- . Nomenclature of Molluscous Animals and Shells in the Collection. Part I. Cyclophoridæ. 12mo. London, 1850.
- . List of the Shells of the Canaries in the Collection. Collected by MM. Webb and Berthelot. Described and figured by Prof. Alcide d'Orbigny. 2 copies. 12mo. London, 1854.
- . List of the Shells of Cuba in the Collection. Collected by M. Ramon de la Sagra. Described by Prof. Alcide d'Orbigny. 2 copies. 12mo. London, 1854.
- . Catalogue of the Collection of Mazatlan Shells, by P. P. Carpenter. 12mo. London, 1857.
- . List of the Shells of South America in the Collection. Collected and described by Alcide d'Orbigny. 2 copies. 12mo. London, 1854.
- . *Myriapoda.* List of the Specimens of Myriapoda in the Collection, by G. Newport. 12mo. London, 1844.
- . Catalogue of the Myriapoda in the Collection, by George Newport. Part I. Chilopoda. 12mo. London, 1856.
- . *Neuroptera.* Catalogue of the Specimens of Neuropterous Insects in the Collection. Parts I.-IV. By F. Walker. 2 copies. 12mo. London, 1852-53.
- . Catalogue of the Specimens of Neuropterous Insects in the Collection, by Dr. H. Hagen. Part I. Termitina. 12mo. London, 1858.
- . Nomenclature of (British) Neuroptera, by Adam White. 2 copies. 12mo. London, 1853.
- . *Orthoptera.* Catalogue of Orthopterous Insects in the Collection. Part I. Phasmidæ. By J. O. Westwood. 4to. London, 1859.
- . etc. Nomenclator of (British) Anoplura, Euplexoptera, and Orthoptera, by Adam White. 12mo. London, 1855.
- . *Osteological Specimens.* List of the Osteological Specimens in the Collection. 12mo. London, 1847.

British-Museum Publications. *Polyzoa.* Catalogue of Marine Polyzoa, by George Busk. (Part I. in duplicate.)

12mo. *London*, 1852-54.

——. *Radiata.* List of British Centroniæ, or Radiated Animals, by J. E. Gray. 12mo. *London*, 1848.

——. *Reptilia.* Catalogue of the Specimens of Lizards in the Collection. 12mo. *London*, 1845.

——. ———. Catalogue of the Specimens of Snakes in the Collection. 12mo. *London*, 1849.

——. ———. Catalogue of the Colubrine Snakes in the Collection, by A. Günther. 12mo. *London*, 1858.

——. ———. Catalogue of the Tortoises, Crocodiles, and Amphibians in the Collection. 12mo. *London*, 1844.

——. ———. Catalogue of Shield Reptiles in the Collection of the British Museum. Part I. Testudinata (Tortoises). 4to. *London*, 1855.

——. *Sponges.* List of the Specimens of British Sponges in the Collection. 12mo. *London*, 1848.

Brittain (F.). See BRITISH ASSOCIATION. Sheffield Guide Book.

Broadhead (Garland C.). See SURVEYS: MISSOURI.

Broca (Paul). On the Phenomena of Hybridity in the genus *Homo*. Edited by C. Carter Blake. 8vo. *London*, 1864.

Brocchi (Giovanni Battista or Giambattista). Obituary Notice. See CATULLO (T. A.).

——. Trattato mineralogico e chemico sulle miniere di ferro del dipartimento del Mella, etc. 2 vols. 8vo. *Brescia*, 1808.

——. Saggio di osservazioni sugli animalletti infusori dell'acqua marina. (Tract.) 8vo. *Milan*, 1809.

——. Memoria mineralogica sulla valle di Fassa in Tirolo. 8vo. *Milan*, 1811.

——. Conchiologia Fossile Subapennina, con osservazioni geologiche sugli Apennini e sul suolo adjacente. 2 vols. 4to. *Milan*, 1814.

——. Sopra una sostanza fossile contenuta nella lava di Capo di Bove, presso Roma. (Tract.) 4to. *Milan*, 1814.

——. Lettera sopra alcuni ammassi colonnari basaltini del territorio di Viterbo. (Tract.) 8vo. *Rome*, 1816.

——. Catalogo ragionato di una raccolta di rocce, disposto con ordine geografico, per servire alla geognosia dell'Italia. 8vo. *Milan*, 1817.

——. Osservazioni sulla corrente di lava di Capo di Bove, presso Roma, e su quella delle Frattocchie, sotto Albano. (Tract.) 8vo. *Milan*, 1817.

——. Sulla eruzione del Vesuvio del 1812. (Tract.) 8vo. *Milan*, 1817.

——. Sulla Prenite rinvenuta in Toscana. (Tract.) 4to. *Pavia*, 1817.

——. Sulle vernici usate dagli antichi sulla stoviglie di terra. (Tract.) 8vo. *Milan*, 1817.

——. Dello stato fisico del suolo di Roma: memoria per servire d'illustrazione alla carta geognostica di questa città. 8vo. *Rome*, 1820.

——. See PONZI (Giuseppe).

Brochant de Villiers (A. J. M.). *Traité élémentaire de Minéralogie* (with manuscript notes by George Bellas Greenough). 2 vols. and tables. 8vo. *Paris*, 1800-01.

- Brochant de Villiers** (A. J. M.). Observations géologiques sur des terrains de transition qui se rencontrent dans la Tarentaise et autres parties de la chaîne des Alpes. (Tract.) 8vo. Paris, 1808.
- . De la Cristallisation considérée géométriquement et physiquement, ou Traité abrégé de Cristallographie, etc. 8vo. Strasburg, 1819.
- . See **DE LA BECHE** (Henry Thomas) and **HUMBOLDT** (Alexander von).
- Brockedon** (W.). Road-book from London to Naples. Parts i. and ii. London to Paris, and Paris to Turin. 8vo. London, 1831.
- Broderip** (William John). Obituary Notice. See **BERGER** (Louis).
- . Observations on the Jaw of a Fossil Mammiferous animal found in the Stonesfield Slate. And on the strata from whence the fossil described in the preceding notice was obtained, by W. H. Fitton. 2 copies. 8vo. London, 1828.
- . On the habits and structure of *Paguri* and other Crustacea. (Tract.) 8vo. London, 1829.
- . Observations on the Animals still found in the shells of the genus *Argonauta*. (Tract.) 8vo. London, 1829.
- . Description of a new Species of *Cypræa* [*C. leucodon*]. (Tract.) 8vo. London, 1829.
- . Description of a new Land-Shell from South America, etc. (Tract.) 8vo. London, 1829.
- . Description of two new Species of *Buccinum* from the English and Irish Seas. (Tract.) 8vo. London, 1830.
- . Descriptions of some new Species of Calyptræidæ. (Tract.) 4to. London, 1834.
- . Descriptions of some new Species of Cuvier's Family of Brachiopoda. (Tract.) 4to. London, 1834.
- . On *Clavagella*. (Tract.) 4to. London, 1835.
- . On the Genus *Chama*, Brug., with Descriptions of some Species apparently not hitherto characterized. (Tract.) 4to. London, 1835.
- . Catalogue of his very valuable Library. (Tract.) 8vo. London, 1859.
- , and **Sowerby** (G. B.). Observations on new or interesting Mollusca contained, for the most part, in the Museum of the Zoological Society. (Tract.) 8vo. London.
- Brodhead** (John Romeyn). See **NEW YORK**.
- Brodie** (Peter Bellinger). A History of the Fossil Insects in the Secondary Rocks of England. 8vo. London, 1845.
- . Notice on the existence of Purbeck strata with remains of Insects and other fossils, at Swindon, Wilts. (Tract.) 8vo. London, 1847.
- . Sketch of the Geology of the neighbourhood of Grantham, Lincolnshire; and a Comparison of the Stonesfield State at Collyweston in Northamptonshire with that in the Cotswold Hills. (Tract.) 8vo. London, 1850.
- . On some Species of Corals in the Lias of Gloucestershire, Worcestershire, Warwickshire, and Scotland. (Tract.) 8vo. London, 1856.
- . Remarks on three Outliers of Lias in North Shropshire and South Cheshire, Staffordshire, and Cumberland, and their correlation with the main range. (Tract.) 8vo. Warwick, 1865.

- Brodie** (Peter Bellinger). On the fossiliferous Beds in the New Red Sandstone (the Upper and Lower Keuper) in Warwickshire. (Tract.) 8vo. *Warwick*, 1866.
- . Paper on Modern Science and the Bible. (Tract.) 8vo. *Warwick*, 1867.
- . On the Correlation of the Lower Lias at Barrow-on-Soar, in Leicestershire, etc. (Tract.) 8vo. *London*, 1867.
- . A Sketch of the Lias generally in England, and of the "Insect and Saurian Beds," etc. (Tract.) 8vo. *Warwick*, 1868.
- . Practical Geology. (Tract.) 8vo. *Warwick*, 1869.
- . On the Geology of Warwickshire. (Tract.) 8vo. *Warwick*, 1870.
- . The Nature, Origin, and Geological History of Amber, with an account of the Fossils which it contains. (Tract.) 8vo. *Warwick*, 1871.
- . On Phosphatic and Bone-bed deposits in British Strata, their economical uses, and fossil contents. (Tract.) 8vo. *Warwick*, 1872.
- . The Distribution and Correlation of Fossil Insects, and the supposed occurrence of Lepidoptera and Arachnidæ in British and Foreign Strata, chiefly in the Secondary Rocks. (Tract.) 8vo. *Warwick*, 1873.
- . On a further Extension of the Rhætics (or Penarth Beds) in Warwickshire, Leicestershire, Nottinghamshire, Rutland, Lincolnshire, Yorkshire, and Cumberland; and on the occurrence of some supposed remains of *Labyrinthodon* and a new Radiate therein. (Tract.) 8vo. *Warwick*, 1876.
- . Fossil Lepidoptera. (Tract.) 8vo. *Warwick*, 1877.
- . On the Discovery of a large and varied series of Fossil Insects and other associated fossils in the Eocene (Tertiary) Strata of the Isle of Wight. (Tract.) 8vo. *Warwick*, 1878.
- Brody** (Gustavus O. St.). The Weston-super-Mare Catalogue of British Shells, etc. (Tract.) 8vo. *Weston-super-mare*, 1859.
- Brongniart** (Adolphe Théodore). Biographical notices. See DUMAS (J. B.) and LAMATHIÈRE (Théophile).
- . Observations sur les Végétaux fossiles renfermés dans les grès de Hoer en Scanie. (Tract.) 8vo. *Paris*, 1825.
- . Considérations générales sur la nature de la Végétation qui couvrirait la surface de la terre aux diverses périodes de la formation de son écorce. 2 copies. 8vo. *Paris*, 1828.
- . Essai d'une flore du grès-bigarré. (Tract.) 8vo. *Paris*, 1828.
- . Prodrome d'une histoire des Végétaux fossiles. 8vo. *Paris*, 1828.
- . Histoire des Végétaux fossiles, ou recherches botaniques et géologiques sur les Végétaux renfermés dans les diverses couches du globe. 2 vols. and plates. 4to. *Paris and Amsterdam*, 1828-37.
- . Considérations sur la Nature des Végétaux. 4to. *Paris*, 1837.
- . Observations sur la structure intérieure du *Sigillaria elegans* comparée à celle des *Lepidodendron* et des *Stigmaria* et à celle des végétaux vivants. (Tract.) 4to. *Paris*, 1839.
- . Tableau des Genres de Végétaux fossiles considérés sous le point de vue de leur classification botanique et de leur distribution géologique. (Tract.) 8vo. *Paris*, 1849.

Brongniart (Adolphe Théodore). See **SAPORTA** (Gaston de).

Brongniart (Alexandre). Funérailles de M. Alexandre Brongniart, le 9 Octobre 1847. (Tract.) 4to. *Paris*, 1847.

——. Biographical Notices. See **DUMAS** (J. B.), **LAMATHIÈRE** (Théophile), and **OMALIUS D'HALLOY** (J. J. d').

——. Traité élémentaire de Minéralogie, avec des applications aux Arts. 2 vols. 8vo. *Paris*, 1807.

——. Essai d'une Classification minéralogique des roches mélangées. (Tract.) 8vo. *Paris*, 1813.

——. Classificazione delle rocce, secondo i piu celebri autori, per servire allo studio della geologia. 8vo. *Milan*, 1814.

——. Notice pour servir à l'histoire géognostique de cette partie du département de la Manche qu'on nomme le Cotentin, etc. (Tract.) 8vo. *Paris*, 1814.

——. Histoire naturelle de l'eau considérée comme espèce minérale, et des eaux considérées comme parties constituanes de la terre. (Tract.) 8vo. *Paris*, 1819.

——. Sur le gisement ou position relative des Ophiolites, Euphotides, Jaspes, etc., dans quelques parties des Apennins. (Tract.) 8vo. *Paris*, 1821.

——. Notice sur la Magnésite du bassin de Paris, etc. (Tract.) 8vo. *Paris*, 1822.

——. Sur les caractères zoologiques des Formations, avec l'application de ces caractères à la détermination de quelques terrains de craie. 4to. *Paris*, 1822.

——. Des Lignites. (Tract.) 8vo. *Paris*, 1823.

——. Mémoire sur les terrains de sédiment supérieurs calcaréo-trappéens du Vicentin, et sur quelques terrains d'Italie, de France, d'Allemagne, etc., qui peuvent se rapporter à la même époque. (Tract.) 2 copies. 4to. *Paris*, 1823.

——. A Selection of the Geological Memoirs contained in the Annales des Mines. Translated with notes by H. T. De la Beche. 8vo. *London*, 1824.

——. De l'Arkose ; caractères minéralogiques et histoire géognostique de cette roche. (Tract.) 8vo. *Paris*, 1826.

——. Classification et caractères minéralogiques des roches homogènes et hétérogènes. (Tract.) 8vo. *Paris*, 1827.

——. Note sur la présence de la Webstérite dans l'argile plastique d'Auteuil près Paris. (Tract.) 8vo. *Paris*, 1828.

——. Notice sur des blocs de roches des terrains de transport en Suède. (Tract.) 2 copies. 8vo. *Paris*, 1828.

——. Notice sur les Brèches osseuses et les minerais de fer pisiforme de même position géognostique. (Tract.) 2 copies. 8vo. *Paris*, 1828.

——. Des volcans et des terrains volcaniques. (Tract.) 8vo. *Paris*, 1829.

——. Observations additionnelles à la Notice sur les minerais de fer pisiforme de position analogue à celle des brèches osseuses, etc. (Tract.) 8vo. *Paris*, 1829.

——. Tableau des terrains qui composent l'écorce du globe, ou essai sur la structure de la partie connue de la terre.

8vo. *Paris*, 1829.

- Brongniart (Alexandre).** Essai sur les orbicules siliceux, etc. (Tract.) 8vo. *Paris*, 1831.
- . Rapport sur un mémoire de M. Dufrénoy, ayant pour titre: Des caractères particuliers que présente le terrain de Craie dans le Sud de la France et sur les pentes des Pyrénées. (Tract.) 8vo. *Paris*, 1831.
- . Premier mémoire sur les Kaolins ou argiles à porcelaine. (Tract.) 4to. *Paris*, 1839.
- . Catalogue des livres composant sa bibliothèque scientifique. (Tract.) 8vo. *Paris*, 1858.
- . See CUVIER (G.), HÉRICART DE THURY (L. E. F.), and PRÉVOST (Constant).
- and **Desmarest** (Anselme Gaëtan). Histoire naturelle des Crustacés fossiles, sous les rapports zoologiques et géologiques. Savoir: Les Trilobites, par A. B. et les Crustacés proprement dits par A. G. D. 4to. *Paris*, 1822.
- , **Dufrénoy** (P. A.), and **Elie de Beaumont** (L.). Rapport sur un mémoire de M. Alcide d'Orbigny, intitulé: Considérations générales sur la géologie de l'Amérique méridionale. (Tract.) 4to. *Paris*, 1843.
- and **Elie de Beaumont** (L.). Rapport sur un mémoire de M. Du-rocher, intitulé: Observations sur le phénomène diluvien dans le Nord de l'Europe. (Tract.) 4to. *Paris*, 1842.
- and **Malaguti** (F. J.). Second mémoire sur les Kaolins, ou argiles à porcelaine, sur la nature et l'origine de cette sorte d'argile. (Tract.) 4to. *Paris*, 1841.
- , **Milne-Edwards** (H.), **Dufrénoy** (P. A.), and **Elie de Beaumont** (L.). Rapport sur un mémoire de M. F. de Castelnau relatif au système Silurien de l'Amérique septentrionale. (Tract.) 4to. *Paris*, 1843.
- , ———, ———. Rapport sur un mémoire de Amédée Burat, intitulé: Description géologique du bassin houiller de Saône-et-Loire. (Tract.) 4to. *Paris*, 1842.
- Brongniart (Alexandre Théodore).** Biographical Notice. See LAMATHIÈRE (Théophile).
- Brongniart (Charles).** Note sur des perforations observées dans deux morceaux de bois fossile. (Tract.) 8vo. *Paris*, 1877.
- . Note rectificative sur quelques Diptères tertiaires et en particulier sur un Diptère des marnes tertiaires (miocène inférieur) de Chodrat (Auvergne), la *Protomyia Oustaleti*, qui devra s'appeler *Plecia Oustaleti*. (Tract.) 8vo. *Lille*, 1878.
- . Note sur un nouveau genre d'Orthoptère fossile de la famille des Phasmiens provenant des terrains supra-houillers de Commentry (Allier) (*Protophasma Dumasii*). (Tract.) 8vo. *Paris*, 1878.
- . Sur la découverte d'un Orthoptère coureur de la famille des Phasmiens dans les terrains supra-houillers de Commentry (Allier) (*Protophasma Dumasii*). (Tract.) 8vo. *Brussels*, 1878.
- Bronn (Heinrich Georg).** Gaea Heidelbergensis, oder mineralogische Beschreibung der Gegend von Heidelberg. 8vo. *Heidelberg and Leipzig*, 1830.
- . Italiens Tertiär-Gebilde und deren organische Einschlüsse. (Tract.) 8vo. *Heidelberg*, 1831.

- Bronn** (Heinrich Georg). *Lethæa Geognostica, oder Abbildungen und Beschreibungen der für die Gebirgs-Formationen bezeichnendsten Versteinerungen.* 2 vols.
8vo; plates, 4to. *Stuttgart*, 1835–38.
- . 3te Auflage. Bearbeitet von H. G. Bronn und F. Römer.
3 vols. 8vo; Atlas, 4to. *Stuttgart*, 1851–56.
- . Uebersicht und Abbildungen der bis jetzt bekannten *Nerinea*-Arten. (Tract.) 8vo. *Stuttgart*, 1836.
- . Handbuch einer Geschichte der Natur. 5 vols.
8vo. *Stuttgart*, 1841–49.
- . Paläontologische Collectaneen. (Tract.) 8vo. *Stuttgart*, 1843.
- . Index Palæontologicus, oder Uebersicht der bis jetzt bekannten fossilen Organismen, unter Mitwirkung der HH. H. R. Göppert und Herm. von Meyer. 3 vols. 8vo. *Stuttgart*, 1848–49.
- . Die Entwicklung der organischen Schöpfung. (Tract.)
8vo. *Stuttgart*, 1858.
- . Untersuchungen über die Entwicklungsgesetze der organischen Welt während der Bildungs-Zeit unserer Erd-Oberfläche.
8vo. *Stuttgart*, 1858.
- . Rede zum Geburts-Feste des höchstseligen Grossherzogs Karl Friedrich von Baden und zur akademischen Preisvertheilung am 22. November 1859. (Tract.) 4to. *Heidelberg*, 1859.
- . Essai d'une réponse à la question de prix proposée en 1850 par l'Académie des sciences pour le concours de 1853, et puis remise pour celui de 1856. Savoir: Etudier les lois de la distribution des corps organisés fossiles, etc. 4to. *Paris*, 1861.
- . See HARTUNG (George) and LEONHARD (K. C. von).
- and Kaup (J. J.). Abhandlungen über die gavialartigen Reptilien der Liasformation. Fol. *Stuttgart*, 1842.
- . Charaktere des Genus *Mystriosaurus*. (Tract.)
8vo. *Stuttgart*, 1842.
- Brooke** (Henry James). *A Familiar Introduction to Crystallography; including an Explanation of the principle and use of the Goniometer.*
8vo. *London*, 1823.
- . *A Description of the Principle and Method of using the Common and Reflective Goniometers.* (Tract.) 8vo. *London*, 1823.
- . See PHILLIPS (William).
- Brookes** (Joshua). *An Address delivered at the Anniversary Meeting of the Zoological Club of the Linnean Society in 1828.* (Tract.)
8vo. *London*, 1828.
- Brooks** (T. B.). *On the youngest Huronian Rocks south of Lake Superior and the age of the Copper-bearing Strata.* (Tract.)
8vo. *New Haven*, 1875.
- . *Classified list of Rocks observed in the Huronian Series, south of Lake Superior, with remarks on their abundance, transitions, and geographical distribution; also, a tabular presentation of the Sequence of the Beds, with an Hypothesis of Equivalency.* (Tract.)
8vo. *New Haven*, 1876.
- Broome** (Gordon). *Report on the Canadian Phosphates considered with reference to their application to Agriculture.* Part I. (Tract.)
8vo. *Montreal*, 1870.

- Broster (John).** Progress of the Brosterian System for the Effectual Removal of Impediments in Speech, etc. For the Fourth Year. 8vo. *London*, 1827.
- Brough (Lionel).** See REPORTS, PARLIAMENTARY. Mines.
- Brougham (Lord).** Address to the Members of the Manchester Mechanics' Institution, July 1835. (Tract.) 8vo. *Manchester*, 1835.
- Brouillet (P. Amédée).** Epoques anté-historiques du Poitou, ou recherches et études sur les Monuments de l'âge de Pierre . . . de cette contrée. (Tract.) 8vo. *Poitiers*, 1865.
- Browallius (Johann).** Historische und physikalische Untersuchung der vorgegebenen Verminderung des Wassers und Vergrößerung der Erde . . . Aus dem Schwedischen übersetzt . . . von K. E. Klein. 8vo. *Stockholm*, 1756.
- Browell (E. J. J.) and Kirkby (James W.).** On the Chemical Composition of various beds of the Magnesian Limestone and associated Permian Rocks of Durham. (Tract.) 8vo. *Newcastle*, 1867.
- Brown (Alexander B.).** On the Geology of Gibraltar, with especial reference to the recently explored Caves and Bone-Breccia (Imperfect). (Tract.) 8vo. *London*, 1867.
- . Total Eclipse of the Sun, December 22nd, 1870. (Tract.) 8vo. *London*, 1871.
- Brown (Andrew).** See DICKESON (Montroville W.).
- Brown (Charles Barrington).** See SURVEYS: WEST INDIES.
- Brown (John).** A List of Fossils from a Deposit of Red Crag, in the Parish of Beaumont, Essex; collected in 1845 and 1846. (Tract.) 8vo. *Stanway?*, 1846.
- Brown (Robert).** Catalogue of the Scientific Portion (with a few miscellaneous Books) of *his* Library. (Tract.) 8vo. *London*, 1859.
- . Miscellaneous Botanical Works. Edited by John J. Bennett. (Ray Society.) 2 vols. 8vo; Atlas, 4to. *London*, 1866–68.
- . See BUCKLAND (William).
- Brown (Robert).** Florula Discoana: contributions to the Phyto-geography of Greenland, within the parallels of 68° and 70° north latitude. (Tract.) 8vo. *Edinburgh*, 1868.
- . On the Geographical Distribution and Physical Characteristics of the Coal-fields of the North Pacific Ocean. (Tract.) 8vo. *Edinburgh*, 1869.
- . On the Geographical Distribution of the Coniferæ and Gnetaceæ. (Tract.) 8vo. *Edinburgh*, 1869.
- . Das Innere von Grönland. (Tract.) 4to. *Gotha*, 1871.
- . Geological Notes on the Noursoak Peninsula, Disco Island, and the country in the vicinity of Disco Bay, North Greenland. (Tract.) 8vo. *Glasgow*, 1875.
- . See VANCOUVER ISLAND.
- Brown (Robert E.).** The Book of the Landed Estate, containing directions for the management and development of the resources of landed property. 8vo. *Edinburgh and London*, 1869.
- Brown (Samuel).** Two Processes for Silicon. (Tract.) 8vo. *Edinburgh*, 1863.

- Brown** (Thomas). The Elements of Fossil Conchology, according to the arrangement of Lamarck, with the newly established genera of other authors. 8vo. *London*, 1843.
- Brown** (Thomas C.). Teeth and Vertebrae of Extinct Sharks [fossils obtained in Malta—two photographs]. (Tract.) 8vo. *Cirencester*, 1878.
- Browne** (A. J. Jukes-). On some Flint Implements from Egypt. (Tract.) 8vo. *London*, 1878.
- . Post-Tertiary Deposits of Cambridgeshire, being the Sedgwick Prize Essay for 1876. 8vo. *Cambridge and London*, 1878.
- . See PENNING (W. Henry).
- Browne** (C. A.). See JUKES (Joseph Beete).
- Browne** (Peter A.). An Essay on Solid Meteors, and Aërolites or Meteoric Stones. (Tract.) 8vo. *Philadelphia*, 1844.
- Browne** (R. G. Mackley). Astronomical Geology: a treatise respecting the causes to which the structural and superficial configuration of the earth's crust is attributable. 8vo. *London*, 1865.
- . Cause and Effect; or the Globe we inhabit. 8vo. *London*, 1868.
- Bruckner** (Em. Daniel). Versuch einer Beschreibung historischer und natürlicher Merkwürdigkeiten der Landschaft Basel. 23. Stück. 8vo. *Basle*, 1748–63.
- Brugman** (Sebald Justin). Lithologia Groningana, juxta ordinem Wallerii digesta, cum synonymis aliorum, imprimis Linnæi et Cronstedii, etc. 8vo. *Gröningen*, 1781.
- Bruguière** (Jean Guillaume). Tableau encyclopédique et méthodique des trois règnes de la Nature. 4 vols. 4to. *Paris*, 1791.
- . See ENCYCLOPÉDIE MÉTHODIQUE.
- Brumby** (R. T.). A brief account of the Analysis of the Blount, Shelby, and Talladega Springs, etc. (Tract.) 8vo. *Alabama*, 1838.
- Brun** (— Malté). See MALTE-BRUN.
- Brunner** (C.). Fortgesetzte Versuche über Eudiometrie. (Tract.) 8vo. *Leipzig*, 1834.
- . Ueber die Darstellung des Selens. (Tract.) 8vo. *Leipzig*, 1834.
- . Sur les Phénomènes de Soulèvement dans les Alpes Suisses. (Tract.) 8vo. *Geneva*, 1852.
- Brunnhoff** (Giovanni de' Brignoli di). See DE' BRIGNOLI DI BRUNNHOF (Giovanni).
- Bruno** (Giovanni Domenico). Illustrazione di un nuovo Cetaceo fossile. (Tract.) 4to. *Turin*, 1839.
- Brunson** (Alfred). Prairie du Chien; its present position and future prospects. (Tract.) 8vo. *Milwaukee*, 1857.
- Brunton** (John). Description of the Line and Works of the Scinde Railway. (Tract.) 2 copies. 8vo. *London*, 1863.
- Brush** (George Jarvis). See DANA (James Dwight).
- and Dana (Edward S.). On the Mineral Locality in Fairfield County, Connecticut, with a description of two additional new species. 1st and 2nd papers. (Tracts.) 8vo. *New Haven*, 1878–79.
- Brusina** (Spiridion). Contribuzione pella fauna dei Molluschi dalmati. [Beilage von der k. k. zool.-botan. Gesellschaft in Wien]. 8vo. *Vienna*, 1866.
- . Fossile Binnen-Mollusken aus Dalmatien, Kroatien und Slavonien. 8vo. *Agram*, 1874.

- Brussels.** Observatoire Royal. Annales Météorologiques, publiées aux frais de l'état par . . . A. Quetelet, 2^e et 3^e Années, 1867 et 1868. (Tracts.) 4to. *Brussels*, 1868–69.
- Bruun-Neergaard** (T. C.). Journal du dernier voyage du citoyen Dolomieu dans les Alpes. 8vo. *Paris*, 1802.
- . De la Haüyne, nouvelle substance minérale. (Tract.) 8vo. *Paris*, 1807.
- . Mémoire sur les ossemens et coquilles fossiles des environs de Plaisance. (Tract.) 8vo. *Paris*, 1813.
- . Extrait. (Tract.) 8vo. *Paris*, 1813.
- Bryce** (James). Geological Notices of the Environs of Belfast, the East Coast of Antrim, and the Giant's Causeway. (Tract.) 8vo. *Dublin*, 1852.
- . Cyclopædia of Geography, descriptive and physical, forming a New General Gazetteer of the World. 8vo. *London and Glasgow*, 1856.
- . The Jurassic Rocks of Skye and Raasay, with report on the fossils and description of new species, by Ralph Tate. (Tract.) 8vo. *London*, 1873.
- Brylinski** (M.) and **Lionnet** (G.). Phosphates de Chaux fossiles. Géologie et origine, applications en Agriculture. 8vo. *Havre*, 1877.
- Buch** (Leopold von). Geognostische Beobachtungen auf Reisen durch Deutschland und Italien. 2 vols. 8vo. *Berlin*, 1802.
- . Extracts from Von Buch's Travels in Silesia, &c., relating to the Salt mines of Haldstadt, translated by Mr. Solly. (Tract.) Fol. Manuscript, no date.
- . Essai d'une description minéralogique des environs de Landeck. (Tract.) 8vo. *Paris*, 1805.
- . A Mineralogical Description of the Environs of Landeck, in the County of Glatz, translated from the French, with notes by Charles Anderson. 8vo. *Edinburgh and London*, 1810.
- . Ueber die Ursachen der Verbreitung grosser Alpengeschiebe. (Tract.) 4to. *Berlin*, 1811.
- . Von den geognostischen Verhältnissen des Trapp-Porphyr. (Tract.) 4to. *Berlin*, 1812–13.
- . Travels through Norway and Lapland during the years 1806, 1807, and 1808. Translated by John Black, with notes and illustrations by Robert Jameson. 4to. *London*, 1813.
- . Lobrede auf Karsten. (Tract.) 8vo. *Berlin*, 1814.
- . Ueber den Pic von Teneriffa. (Tract.) 2 copies. 4to. *Berlin*, 1820.
- . Ueber die Zusammensetzung der basaltischen Inseln und über Erhebungs-Cratere. (Tract.) 4to. *Berlin*, 1820.
- . Ueber einen vulkanischen Ausbruch auf der Insel Lanzerote. (Tract.) 4to. *Berlin*, 1823.
- . Lettre . . . à M. A. de Humboldt, renfermant le tableau géologique du Tyrol méridional. (Tract.) 4to. *Paris*, 1822.
- . Physicalische Beschreibung der canarischen Inseln. 4to; Atlas, fol. *Berlin*, 1825.
- . Recueil de planches de Pétrifications remarquables. 4to. *Berlin*, 1831.

- Buch** (Leopold von). Ueber Ammoniten, über ihre Sonderung in Familien, über die Arten, welche in den älteren Gebirgsschichten vorkommen, und über Goniatiten insbesondere. (Tract.)
4to. *Berlin*, 1832.
- . [Three plates of Ammonites (fol.), with Explanations.]
4to. *Berlin*, 1833.
- . Ueber Terebrateln, mit einen Versuch, sie zu classificiren und zu beschreiben.
4to. *Berlin*, 1834.
- . Description Physique des îles Canaries, suivi d'une indication des principaux volcans du globe. Traduite de l'allemand par C. Boulanger.
8vo; Atlas, fol. *Paris*, 1836.
- . Sur les Spirifer et les Orthis. Explication de deux planches qui représentent la structure de ces coquilles.
Fol. *Berlin*, 1838.
- . Pétrifications recueillies en Amérique par M. Alexandre de Humboldt et par M. Charles Degenhardt.
Fol. *Berlin*, 1839.
- . Beiträge zur Bestimmung der Gebirgsformationen in Russland. (Tract.)
8vo. *Berlin*, 1840.
- . Ueber Cystideen, eingeleitet durch die Entwicklung der Eigenthümlichkeiten von *Caryocrinus ornatus*, Say. (Tract.)
4to. *Berlin*, 1845.
- . Die Bären-Inseln nach B. M. Keilhau geognostisch beschrieben. (Tract.)
4to. *Berlin*, 1847.
- . Ueber Ceratiten, besonders von denen, die in Kreidebildungen sich finden. (Tract.)
8vo. *Berlin*, 1848.
- . Betrachtungen über die Verbreitung und die Grenzen der Kreide-Bildungen. (Tract.) 2 copies.
8vo. *Bonn*, 1849.
- . Lagerung der Braunkohlen in Europa. (Tract.)
8vo. *Berlin*, 1851.
- . Ueber eine Muschel-Umgebung der Nordsee. (Tract.)
8vo. *Berlin*, 1851.
- . Verzeichniss einer Sammlung von Versteinerungen von Dagestan, mit Erläuterungen. (Tract.)
8vo. *Berlin*, 1851.
- . Ueber Blattnerven und ihre Vertheilung. (Tract.)
8vo. *Berlin*, 1852.
- . Gedächtniss-Rede gehalten am 6. April 1853 in der Versammlung der deutschen geologischen Gesellschaft von dem stellvertretenden Vorsitzenden. (Tract.)
8vo. *Berlin*, 1853.
- . Ueber die Juraformation auf der Erdoberfläche. (Tract.)
8vo. *Berlin*, 1853.
- . Buch-Denkmal. See HAUER (Franz von) and HÖRNES (Moriz).
- and Pfaundler (A. von). Ueber den Dolomit in Tyrol. (Tract.)
8vo. *Innsbrück*, 1842.
- Buchan** (John H.). Report on The Real del Monte Mining Company, Mexico. (Tract.)
8vo. *York*?, 1855.
- Buchanan** (J. Y.). See CHALLENGER EXPEDITION.
- Büchner** (Ludwig Andreas, 1). Ueber den Antheil der Pharmacie an der Entwicklung der Chemie. (Tract.)
4to. *Munich*, 1849.
- . Ueber die Beziehungen der Chemie zur Rechtspflege. (Tract.)
4to. *Munich*, 1875.
- Büchner** (Ludwig Andreas, 2). Man in the Past, Present, and Future. Translated by W. S. Dallas.
8vo. *London*, 1872.

- Bucke** (Charles). A Letter intended (one day) as a supplement to Lockhart's Life of Sir Walter Scott. (Tract.)
Privately printed, 1838.
- Buckingham** (James Silk). Extract of a Letter from Persia. (Tract.)
Fol. Manuscript, 1816.
- . Travels among the Arab Tribes inhabiting the Countries east of Syria and Palestine.
4to. London, 1825.
- Buckland** (Francis T.). See AUSTEN (Nathaniel Laurence) and BUCKLAND (William).
- Buckland** (William). Description of a series of Specimens from the Plastic Clay, near Reading, Berks. (Tract.) *4to. London*, 1817.
- . Observations on the Paramoudra and Formation of Flints in Chalk. (Tract.) *4to. London*, 1817.
- . Order of Superposition of Strata in the British Isles. Two editions. (Tracts.) *Fol.*
- . Vindiciæ Geologicæ, or the connexion of Geology with Religion explained. (Tract.) 2 copies. *4to. Oxford*, 1820.
- . Notice of a paper laid before the Geological Society, on the Structure of the Alps and adjoining parts of the Continent, and their Relation to the Secondary and Transition Rocks of England. (Tract.)
8vo. London, 1821.
- . Reliquiæ Diluvianæ, or observations on the organic remains contained in Caves, Fissures and Diluvial Gravel, and on other geological phenomena, attesting the action of an universal Deluge. 2 copies.
4to. London, 1823.
- . On the Discovery of the *Anoplotherium commune* in the Isle of Wight. (Tract.) *8vo. London*, 1824.
- . Reply to some observations in Dr. Fleming's Remarks on the Distribution of British Animals. (Tract.)
8vo. Edinburgh, 1825.
- . On the Occurrence of the remains of Elephants, and other Quadrupeds, in the Cliffs of frozen mud, in Eschscholtz Bay, within Beering's Strait, etc. (Tract.) *4to. London*, 1813.
- . On the Vitality of Toads enclosed in Stone and Wood. (Tract.)
8vo. London, 1832.
- . On the Adaptation of the Structure of the Sloths to their peculiar mode of life. (Tract.) *4to. London*, 1833.
- . Geology and Mineralogy considered with reference to Natural Theology. [Bridgewater Treatise.] 2 vols. *8vo. London*, 1836.
- . ———. A new edition, with additions by Prof. Owen, Prof. Phillips, Robert Brown, &c. Edited by Francis T. Buckland. [Bridgewater Treatise.] *8vo. London*, 1858.
- . An Inquiry whether the Sentence of Death pronounced at the Fall of Man included the whole Animal Creation, or was restricted to the Human Race. (Tract.) *8vo. London*, 1839.
- . On the Glacia-Diluvial Phænomena in Snowdonia and the adjacent parts of North Wales. (Tract.) *8vo. London*, 1841.
- . Review of his 'Geology and Mineralogy considered with reference to Natural Theology.' (Tract.) *8vo. London*, 1837.
- . Catalogue [sale] of his valuable Scientific Library. (Tract.)
 2 copies. *8vo. London*, 1857.

- Buckman (James).** On the Structure and Arrangement of the Tesserae in a Roman pavement discovered at Cirencester in August 1849. (Tract.) 8vo. *London*, 1850.
- . Stone Steps. A Stratigraphical Arrangement of the British Geological Formations, with their subdivisions and distinctive characters. (Tract.) 8vo. *London*, 1852.
- . The Ancient Straits of Malvern. An essay on the former marine conditions which separated England and Wales, etc. 8vo. *London*, no date.
- . Science and Practice in Farm Cultivation. 8vo. *London*, 1865.
- . On the Geology of the County of Devon in reference to Agriculture and Rural Economy. (Tract.) 8vo. *London*, 1873.
- . On the Cephalopoda Bed and the Oolite Sands of Dorset and part of Somerset. (Tract.) 8vo. *Taunton*, 1874.
- . Geology of the County of Cornwall, in reference to Agriculture and Rural Economy. (Tract.) 8vo. *London*, 1876.
- . On Agricultural Dodders. (Tract.) 8vo. *London*, 1876.
- . The Mistletoe-bough, its Natural History, Economy, and Uses. (Tract.) 8vo. *London*, 1879.
- . See DAVIDSON (Thomas), MURCHISON (Sir Roderick Impey), and SERIALS, ETC. : SHERBORNE. Dorset Natural-History and Antiquarian Field Club.
- and **Newmarch (C. H.).** Illustrations of the remains of Roman Art in Cirencester, the site of ancient Corinium. 4to. *London and Cirencester*, 1851.
- Buckton (George Bowdler).** Monograph of the British Aphides. Vols. I. and II. (Ray Society.) 8vo. *London*, 1876–79.
- Bucquet (J. B. M.).** Introduction à l'étude des corps naturels tirés du règne minéral. 2 vols. 8vo. *Paris*, 1771.
- Buddle (John, jun.).** Search for Coal in a part of the Counties of Roxburgh and Berwickshire, in July 1806. (Tract.) 8vo. *Kelso*, 1807.
- Buist (George).** Notes on certain Discoloured Appearances met with on the Surface of the Sea in Warm Latitudes. (Tract.) 8vo. *London*, 1854.
- . On the Physical Geography of Hindostan. (Tract.) 8vo. *Edinburgh*, 1854.
- . On the Occurrence of Crystallization in a Stucco-casting. (Tract.) 8vo. *London*, 1856.
- Bullar (John).** Hints to Assist the Enquiries of Visitors: being brief notes of Local Antiquities in Southampton and its neighbourhood. On the objects worthy of attention in an Excursion round the Isle of Wight, including an Account of the Geological Formations as exhibited in the sections along the coast, by John Drew. (Tract.) 8vo. *Southampton*, 1846.
- Buller (Walter L.).** Essay on the Ornithology of New Zealand. (Tract.) 8vo. *Dunedin*, 1865.
- . Anniversary Address . . . Wellington Philosophical Society, 1875. (Tract.) 8vo. *Wellington, N. Z.*, 1875.

- Bullock** (W.). Sketch of a Journey through the Western States of North America : from New Orleans to New York, in 1827. With a description of the new and flourishing city of Cincinnati, by B. Drake and E. D. Mansfield. 8vo. *London*, 1827.
- Bunbury** (Sir Charles J. F.). Journal of a Residence at the Cape of Good Hope. 8vo. *London*, 1848.
- . See **RIBEIRO** (Carlos).
- Bunsen** (R. W.). Ueber ein neues Vorkommen des Allophans in der Formation des plastischen Thons. (Tract.) 8vo. *Leipzig*, 1834.
- . Ueber den innern Zusammenhang der pseudovulkanischen Erscheinungen Islands. (Tract.) 8vo. *Lemgo and Heidelberg*, 1847.
- . Ueber die Processe der vulkanischen Gesteinsbildungen Islands. (Tract.) 8vo. *Leipzig*, 1851.
- and **Hausmann** (J. Fr. L.). Ueber das Vorkommen menschlicher Kunstproducte in den Kalktufflagern der Gegend von Göttingen. (Tract.) 8vo. *Göttingen*, 1856.
- and **Playfair** (Lyon). Report on the Gases evolved from Iron furnaces, with reference to the Theory of the Smelting of Iron. (Tract.) 8vo. *London*, 1846.
- Bunzel** (Emanuel). Die Reptilien der Gosau-Formation in der Neuen Welt bei Wiener-Neustadt. (Tract.) 4to. *Vienna*, 1871.
- Buonaparte** (C. L. and N.). See **BONAPARTE** (C. L. and N.).
- Burat** (Amédée). Description des terrains volcaniques de la France centrale. 8vo. *Paris*, 1833.
- . Théorie des gîtes métallifères appuyée sur la description des principaux types du Harz, de la Saxe, des Provinces rhénanes, de la Toscane, etc. 8vo. *Paris*, 1845–53.
- . Géologie appliquée. Traité du gisement et l'exploitation des minéraux utiles. 4th edition. 2 vols. 8vo. *Paris*, 1858–59.
- . Les Houillères en 1867, 1868, 1869, 1872: 8vo. *Atlas* 1867, 1868, 1869: 4to. *Paris*, 1868–72.
- . Géologie de la France. 2 copies. 8vo. *Paris and Liège*, 1874.
- . Voyages sur les côtes de France. 8vo. *Paris*, 1880.
- . See **Aubuisson de Voisins** (J. F. d').
- Burckhardt** (Fritz). Ueber die physikalischen Arbeiten der Societas physica helvetica 1751–1787. Festrede gehalten bei der Feier des fünfzigjährigen Bestehens der naturforschenden Gesellschaft in Basel, 1867. (Tract.) 8vo. *Basle*, 1867.
- . Notice sur les carrières de Saillon (Suisse). (Tract, lith.) 8vo. 1877.
- Burguet** (Henri). Notes sur l'*Helix cornea*, var., A (Férussac), nouvelle pour le département de la Gironde. (Tract.) 8vo. *Bordeaux*, 1842.
- Burkart** (Joseph). Aufenthalt und Reisen in Mexico in den Jahren 1825 bis 1834. Mit einem Vorworte von J. Nöggerath. 2 vols. 8vo. *Stuttgart*, 1836.
- Burke** (John). A General and Heraldic Dictionary of the Peerage and Baronetage of the British Empire. 8vo. *London*, 1828.
- Bürkli** (Arnold). See **ESCHER VON DER LINTH** (Arnold).
- Burmeister** (Hermann). Die Organisation der Trilobiten, aus ihren lebenden Verwandten entwickelt, etc. 4to. *Berlin*, 1843.

- Burmeister (Hermann).** The Organization of Trilobites, deduced from their living affinities. Edited by Professors Bell and E. Forbes. (Ray Society.) 4to. *London*, 1846.
- . Die Labyrinthodonten aus dem bunten Sandstein von Bernburg. 2 vols. 4to. *Berlin*, 1849.
- . Die fossilen Pferde der Pampasformation.—Los caballos fosiles de la Pampa Argentina. (Tract.) Fol. *Buenos Ayres*, 1875.
- . See ALTON (E. d'); SERIALS, ETC., BUENOS AYRES (Museo público: Anales); and WAGNER (Andreas).
- and Giebel (C.). Die Versteinerungen von Juntas im Thal des Rio de Copiapó, etc. (Tract.) 2 copies. 4to. *Halle*, 1861.
- Burnell (George R.).** On Building Stones: the causes of their decay, and the means of preventing it. (Tract.) 8vo. *London*, 1860.
- . On some recently executed Deep Wells and Borings. (Tract.) 8vo. *London*, 1862.
- Burnes (Alexander).** A Memoir of a Map of the Eastern Branch of the Indus. (Lith.) 4to. *Lueput*, 1827–28.
- Burnet (Thomas).** The Theory of the Earth, containing an account of the original of the Earth and of all the general changes which it hath already undergone, or is to undergo, till the consummation of all things. 8vo. *London*, 1684.
- . 4th edition. 2 vols. 8vo. *London*, 1719.
- . 6th edition. 8vo. *London*, 1726.
- . 7th edition. 2 vols. 8vo. *London*, 1759.
- Burr (Frederick).** Introduction to to the Study of Geology. 8vo. *London*, 1836.
- . On Metalliferous and Mineral Deposits, their general structure and apparent Laws of Development. (Tract.) 8vo. *London*, 1836.
- . On the Mexican Process of Amalgamation. (Tract.) 8vo. *London*, 1836.
- . On the Occurrence of the precious Metals in Great Britain. (Tract.) 8vo. *London*, 1836.
- . The Elements of Practical Geology. 2nd edition. 8vo. *London*, 1838.
- Burr (G. D.).** Short Essay of Sketching Ground without Instruments. (Tract.) 8vo. *London*, 1830.
- Burr (Thomas).** Remarks on the Geology and Mineralogy of South Australia. (Tract.) 8vo. *Adelaide*, 1846.
- Burrow (E. I.).** Elements of Conchology. 8vo. *London*, 1815.
- Burtin (François-Xavier).** Oryctographie de Bruxelles, ou description des fossiles, etc. Fol. *Brussels*, 1784.
- Busk (George).** A Monograph of the fossil Polyzoa of the Crag. (Palæontographical Society.) 4to. *London*, 1859.
- . See BRITISH MUSEUM; COHN (Ferdinand); GRISEBACH (—); PRESTWICH (Joseph); SERIALS ETC., RAY SOCIETY; STEENSTRUP (Joh. Japetus Sm.), WAGNER (A.), and ZUCCARINI (—).
- Busk (Miss R. H.).** Valleys of Tyrol, their traditions and customs, and how to visit them. 8vo. *London*, 1874.
- Buteux (Ch. J.).** Esquisse géologique du département de la Somme. Nouvelle édition. (Tract.) 8vo. *Paris*, 1849.

- Buteux** (Ch. J.). Notions générales sur la géologie du département de la Somme. (Tract.) 8vo. *Abbeville*, 1857.
- Büttner** (R.). See GÜNTHER (W.).
- Buvignier** (Amand). Note sur un genre nouveau de mollusque acéphale fossile. (Tract.) 8vo. *Paris*, 1851.
- . Géologie du département de la Meuse. 8vo ; Atlas, fol. *Paris*, 1852.
- . See SAUVAGE (C.).
- Bylandt Palstercamp** (A. de). Résumé préliminaire de l'ouvrage sur la Théorie des volcans. (Tract.) 8vo. *Naples*, 1833.
- . Théorie des volcans. 3 vols. 8vo. *Paris*, 1835.

C.

- Cabot** (J. Elliot). See AGASSIZ (Louis).
- Cacarrié** (—). Description géologique du département de Maine-et-Loire. 8vo. *Angers*, 1845.
- Cacciatore** (Nicolaus). De redigendis ad unicam seriem comparabilem meteorologicis ubique factis observationibus conventio proposita et tabulæ supputatæ. (Tract.) 4to. *Palermo*, 1832.
- Cadell** (W. A.). A Journey in Carniola, Italy, and France in the years 1817, 1818. 2 vols. 8vo. *Edinburgh*, 1820.
- Cadet** (Socrate). Nuove considerazioni intorno le meteore esogene, cioè le stelle cadenti e gli uranoliti. (Tract.) 4to. *Rome*, 1863.
- Cæsalpinus** (Andreas). De Metallicis libri tres. 4to. *Nuremberg*, 1602.
- Caillaux** (Alfred). Tableau général et description des mines métalliques et des combustibles minéraux de la France. 8vo. *Paris*, 1875.
- Cailliaud** (Frédéric). Carte géologique du département de la Loire-Inférieure. (Tract.) 8vo. *Nantes*, 1861.
- . Sur l'existence de la faune troisième Silurienne dans le département de la Loire-Inférieure. (Tract.) 8vo. *Nantes*, 1861.
- Calandrelli** (Giuseppe). See ROME. Gabinetto Mineralogico del Collegio Nazareno.
- Calcara** (Pietro). Memoria sopra alcune conchiglie fossili rinvenute nella contrada d'Altavilla. (Tract.) 8vo. *Palermo*, 1841.
- Calceolarius** (Franciscus). Iter in Baldum montem. 3rd edition. (Tract.) 8vo. *Verona*, 1745.
- Caldcleugh** (Alexander). Travels in South America during the years 1819–20–21; containing an account of the present state of Brazil, Buenos Ayres, and Chili. 2 vols. 8vo. *London*, 1825.
- . An account of the Great Earthquake experienced in Chile, 1835. (Tract.) 4to. *London*, 1836.
- . Some account of the Volcanic Eruption of Coseguina, in the Bay of Fonseca, on the western Coast of Central America. (Tract.) 4to. *London*, 1836.
- Calderini** (Isidoro). La nuova illuminazione in Milano col metodo per preparare il gas e per servirsene esposto all' intelligenza di tutti. (Tract.) 8vo. *Milan*, 1844.
- Calderon y Arana** (Salvador). Reseña geológica de la provincia de Guadalupe. (Tract.) 2 copies. 8vo. *Madrid*, 1874.

- Calderon y Arana** (Salvador). Estudios Geológicos de España. Part I. (Tract.) 2 copies. 8vo. *Madrid*, 1875.
- . Reseña de las rocas de la Isla Volcánica Gran Canaria. (Tract.) 8vo. *Madrid*, 1876.
- . Enumeracion de los Vertebrados fósiles de España. (Tract.) 8vo. *Madrid*, 1877.
- . Contribuciones al Estudio de la Fosforita de Belmez. (Tract.) 8vo. *Madrid*, 1878.
- . Ofita de Trasmiera (Santander). (Tract.) 8vo. *Madrid*, 1878.
- Caldor** (James). General Observations on the Geology of India. (Tract.) 8vo. *London*, 1839.
- Caley** (George). A Catalogue [sale] of his valuable collection of Dried Plants, specimens of Ornithology, etc. (Tract.) 8vo. *London*, 1829.
- California**. Information in relation to the Geology and Topography of California; containing reports by P. F. Smith, B. Riley, P. T. Tyson, etc. (Tract.) 8vo. *Washington*, 1850.
- . See **FREMONT** (J. C.) and **EMORY** (W. H.).
- Callard** (Thomas Karr). The Geological Evidences of the Antiquity of Man reconsidered. (Tract.) 8vo. *London*, 1875.
- Callcott or GRAHAM** (Maria). Letter to the President and Members of the Geological Society, in answer to certain observations contained in Mr. Greenough's Anniversary Address of 1834, with Appendices. (Tract.) 8vo. *London*, 1834.
- Callon** (J.). Lectures on Mining delivered at the School of Mines, Paris. Translated by C. Le Neve Foster and W. Galloway. Vol. i. 8vo, Atlas 4to. *London and Paris*, 1876.
- Calvert** (Frank). Contributions to the Ancient Geography of the Troad. (Tract.) 8vo. *London*, 1861.
- . On a Bronze Weight found on the Site of the Hellespontic Abydos. (Tract.) 8vo. *London*, 1861.
- Calvert** (John). The Gold Rocks of Great Britain and Ireland. 8vo. *London*, 1853.
- . Vazeeri Rupi, the Silver Country of the Vazeers in Kulu. 8vo. *London and New York*, 1873.
- Cambridge University**. Catalogue of the Cambrian and Silurian Fossils in the Geological Museum. See **SALTER** (J. W.).
- . Speeches delivered by the public Orator (Mr. Sandys) in the Senate-house of Cambridge, June 10th, 1879. [In presenting to the University the several distinguished persons on whom the Honorary degree of LL.D. was conferred, viz.:—Sir F. Leighton, R. Browning, W. Stubbs, W. Spottiswoode, H. J. S. Smith, T. H. Huxley, H. C. Sorby, E. A. Bond, and C. T. Newton.] (Tract.) 4to. *Cambridge*, 1879.
- Cameron** (Peter). See **BRITISH ASSOCIATION**. Glasgow Guide Books.
- Campani** (G.) and **Toscani** (C.). Sui terremoti avvenuti in Siena nell' Aprile del 1859 e nei tempi precedenti. (Tract.) 8vo. *Pisa*, 1859.
- Campbell** (D. Forbes). See **CHEVALIER** (Michel).
- Campbell** (Dugald). See **HOGG** (Jabez), **HOMERSHAM** (Samuel Collett), and **WATER SUPPLY**.
- Campbell** (John Francis). Frost and Fire. 2 vols. 8vo. *Edinburgh*, 1865.

- Campbell** (John Francis). *My Circular Notes, written while travelling westwards round the World.* 2 vols. 8vo. *London*, 1876.
- . *On Himalayan Glaciation. With a note by H. B. Medlicott.* (Tract.) 8vo. *Calcutta*, 1877.
- . *The Parallel Roads of Lochaber.* (Tract.) 8vo. *Not published*, 1877.
- Campbell** (Lyman W.). See **HILL** (Samuel W.).
- Campo** (Donato). *Incendio trentesimo del Vesuvio accaduto gli 8 Agosto 1779.* (Tract.) 4to. *Naples*, 1779.
- Canada.** *Mémoires sur le Canada, depuis 1749 jusqu'à 1760.* 8vo. *Quebec*, 1838.
- . *On the Fossil Organic Remains found in the Rocks of Canada.* (Tract.) 8vo. *Quebec*, 1829.
- Canadian Pacific Railway.** Sandford Fleming, Engineer in Chief. *Reports and Documents in reference to the Location of the Line and a Western Terminal Harbour, 1878.* (Tract.) 8vo. *Ottawa*, 1878.
- Cancrin** (Franz Ludwig von). *Beschreibung der vorzüglichsten Bergwerke, etc.* 4to. *Frankfort*, 1767.
- . *Geschichte und systematische Beschreibung der in der Grafschaft Hanau-Münzenberg, in dem Amte Bieber und andern Aemtern dieser Grafschaft, . . . gelegenen Bergwerke.* 8vo. *Leipzig*, 1787.
- Candolle** (Alphonse de). *Géographie Botanique raisonnée, ou exposition des faits principaux et des lois concernant la Distribution Géographique des plantes de l'époque actuelle.* 2 vols. 8vo. *Paris*, 1855.
- . *Constitution dans le Règne végétal de groupes physiologiques applicables à la géographie botanique ancienne et moderne.* (Tract.) 8vo. *Geneva*, 1874.
- . *Existe-t-il dans la végétation actuelle des caractères généraux et distinctifs qui permettraient de la reconnaître en tous pays si elle devenait fossile?* (Tract.) 8vo. *Geneva*, 1875.
- . *Sur les causes de l'inégale distribution des plantes rares dans la Chaîne des Alpes.* (Tract.) 8vo. *Florence*, 1875.
- Candolle** (Augustin Pyramus de). *Biographical Notice.* See **DAUBENY** (Charles).
- . *Notice sur M. J. F. de Chaillet.* (Tract.) 4to. *Paris*, 1840?
- Cangiano** (Luigi). *Sul pozzo che si sta forando nel giardino della Reggia di Napoli, e di talune induzioni geologiche di cui è stato occasione.* (Tract.) 8vo. *Naples*, 1845.
- Canobbio** (G. B.). *Saggio sulla giacitura d'alcuni fossili di Genova e suoi contorni.* 4to. *Genoa*, 1823.
- Canterbury Water Supply.** See **HOMERSHAM** (Samuel Collett) and **WATER SUPPLY** (Canterbury).
- Cantoni** (—). See **OMBONI** (G.).
- Cantor** (Theodore). *General Features of Chusan, with remarks on the Flora and Fauna of that Island.* (Tract.) 8vo. *London*, 1842.
- Capanema** (G. S.). *Apontamentos Geologicos.* (Do Correr da Penna.) (Tract.) 8vo. *Rio de Janeiro*, 1868.
- Cape of Good Hope.** *Instructions for making and registering Meteorological Observations at various stations in Southern Africa and other countries in the South Seas, as also at sea.* (Tract.) 8vo. *Cape Town*, no date.

- Capellini (Giovanni).** Cenni geologici sul giacimento delle Ligniti della bassa Val di Magra. (Tract.) 4to. *Turin*, 1860.
- . Le schegge di diaspro dei monti della Spezia. (Tract.) 8vo. *Bologna*, 1862.
- . Studi stratigrafici e paleontologici sull'infrales nelle montagne del Golfo della Spezia. (Tract.) 4to. *Bologna*, 1862.
- . Delfini fossili del Bolognese. (Tract.) 4to. *Bologna*, 1864.
- . Descrizione geologica dei dintorni del Golfo della Spezia, e Val di Magra inferiore, destinata alla illustrazione della Carta pubblicata nel 1863. 8vo. *Bologna*, 1864.
- . Balenottere fossili del Bolognese. (Tract.). 4to. *Bologna*, 1865.
- . Fossili infralesiaci dei dintorni del Golfo della Spezia. (Tract.) 4to. *Bologna*, 1866.
- . Giacimenti petroleiferi di Valacchia e loro rapporti coi terreni terziari dell'Italia centrale. (Tract.) 4to. *Bologna*, 1868.
- . Ariano e dintorni; cenni Geologici sulle valli dell'Ufita, del Calore e del Cervaro. (Tract.) 4to. *Bologna*, 1869.
- . Armi e utensili di pietra del Bolognese. (Tract.) 4to. *Bologna*, 1870.
- . Congresso Internazionale di Archeologia preistorica. IV. Sessione a Copenhagen nel 1869. (Presidential Address.) (Tract.) 8vo. *Bologna*, 1870.
- . Di Nicola Stenone e dei suoi studii geologici in Italia. 2nd edition. (Tract.) 8vo. *Bologna*, 1870.
- . L'età della pietra nella Valle della Vibrata. (Tract.) 4to. *Bologna*, 1871.
- . Sul Felsinoterio, sirenoide halicoreforme dei depositi littorali pliocenici dell'antico bacino del Mediterraneo e del Mar Nero. (Tract.) 4to. *Bologna*, 1872.
- . Grotta dei Colombi à l'île Palmaria, Golfe de la Spezia, station de Cannibales à l'époque de la Madeleine. (Tract.) 8vo. *Bologna*, 1873.
- . Sulle rocce Serpentinose del Bolognese e in particolare su quelle dei dintorni di Bisano. (Tract.) 8vo. *Bologna*, 1873.
- . La formazione gessosa di Castellina marittima e i suoi fossili. 4to. *Bologna*, 1874.
- . Sui Cetoterii Bolognesi. 4to. *Bologna*, 1875.
- . L'uomo pliocenico in Toscana. (Tract.) 4to. *Rome*, 1875-76.
- . Sui terreni Terziari di una parte del versante settentrionale dell'Apennino. (Tract.) 4to. *Bologna*, 1876.
- . Sulle Balene fossili Toscane. (Tract.) 4to. *Rome*, 1876.
- . Balenottere fossili e *Pachyacanthus* dell'Italia meridionale. (Tract.) 4to. *Rome*, 1877.
- . Marne Glauconifere di dintorni di Bologna. (Tract.) 8vo. *Bologna*, 1877.
- . Sulla proposta di un Congresso Internazionale geologico in Italia. (Tract.) 8vo. *Bologna*, 1877.
- . Della pietra Leccese e di alcuni suoi fossili. (Tract.) 4to. *Bologna*, 1878.
- . Il Calcare di Leitha, il Sarmatiano, e gli strati a Congerie nei monti di Livorno, di Castellina marittima, di Mierno e di Monte Catini. (Tract.) 4to. *Rome*, 1878.

- Capellini** (Giovanni). Inclusioni di Apatite nella roccia di Monte Cavaloro. (Tract.) 8vo. *Bologna*, 1878.
- . Sulla Prehnite dei monti Livornesi e sui minerali che l'accompagnano. (Tract.) 8vo. *Bologna*, 1878.
- . Balenottera fossile delle Colombaie presso Volterra. (Tract.) 4to. *Rome*, 1879.
- . Breccia ossifera della Caverna di Santa Teresa nel lato orientale del Golfo di Spezia. (Tract.) 2 copies. 4to. *Bologna*, 1879.
- . Gli strati a Congerie e le marne compatte Mioceniche dei dintorni di Ancona. (Tract.) 2 copies. 4to. *Rome*, 1879.
- . See JEFFREYS (John Gwyn) and OMBONI (G.).
- and Heer (O.). Les Phyllites crétacées du Nebraska. (Tract.) 4to. *Zurich*, 1866.
- Capello** (Felix de Brito). See BARBOZA DU BOCAGE (José Vicente).
- Capocci** (Ernesto). Nuove ricerche sul noto fenomeno delle colonne perforati dai foladi nel tempio di Serapide. (Tract.) 8vo.
- Caporale** (Gaetano). Dell'agro Acerrano e della sua condizione sanitaria. 8vo. *Naples*, 1859.
- Cappeller** (Moritz Anton). Prodrum Crystallographiæ, de crystallis improprie sic dictis commentarium. 4to. *Lucerne*, 1723.
- Capper** (Benjamin Pitts). Topographical Dictionary of the United Kingdom. 8vo. *London*, 1808.
- Capper** (Richard). Observations on the Crust of the Earth, and the Formation of Gold-bearing Rocks, etc. (Tract.) 8vo. *Melbourne*, 1868.
- Capron** (Horace). Reports and Official Letters to the Kaitakushi (Japan). 8vo. *Tokio*, 1875.
- Cardelli** (—). Manuel du limonadier et du confiseur. 5th edition. 12mo. *Paris*, 1830.
- Carlisle** (Sir Anthony). The Hunterian Oration [On the Oyster] delivered before the Royal College of Surgeons, 1826. (Tract.) 4to. *London*, 1826.
- Carlisle** (Nicholas). A Topographical Dictionary of England. 2 vols. 4to. *London*, 1808.
- . ——— Ireland. 1 vol. 4to. *London*, 1808.
- . ——— Scotland. 2 vols. 4to. *London*, 1808.
- . ——— Wales. 1 vol. 4to. *London*, 1808.
- Carnac** (H. Rivett-). On masons' marks from old buildings in the North-West Provinces of India. (Tract.) 8vo. *Bombay*, 1878.
- Carosi** (Johann Philipp von). Beyträge zur Naturgeschichte der Niederlausitz, insbesondere aber des Mineralreichs derselben. (Tract.) 8vo. *Leipzig*, 1779.
- . Ueber die Erzeugung des Kiesels und des Quarzes zum Teil beobachtet in Polen. (Tract.) 8vo. *Leipzig*, 1783.
- Carpenter** (Philip P.). Catalogue of Mazatlan Mollusca (Reigen Collection), presented to the State Cabinet (New York) by Philip P. Carpenter. (Tract.) 8vo.
- . See BRITISH MUSEUM.
- Carpenter** (William Benjamin). Report on the Microscopic Structure of Shells. (Tract.) 8vo. *London*, 1848.
- . Principles of Physiology, general and comparative. 3rd edition. 8vo. *London*, 1851.

- Carpenter** (William Benjamin). Shell. [From the Cyclopædia of Anatomy, etc.] (Tract.) 8vo.
- . Researches on the Foraminifera. 4to. London, 1861.
- . On the Structure, Affinities, and Geological position of *Eozoon canadense*. (Tract.) 2 copies. 8vo. London, 1865.
- . On the Shell-structure of *Spirifer cuspidatus*, and of certain allied Spiriferidæ. (Tract.) 8vo. London, 1867.
- . Preliminary Report of Dredging Operations in the seas to the North of the British Isles, carried on in Her Majesty's steam-vessel 'Lightning,' by Dr. Carpenter and Dr. Wyville Thomson. (Tract.) 8vo. London, 1868.
- . On the Temperature and Animal Life of the Deep Sea. (Tract.) 8vo. London, 1870.
- . On the Temperature and other Physical conditions of Inland Seas, in their relation to Geological inquiry. (Tract.) 8vo. London, 1872.
- . Report on scientific researches carried on during the months of August, September, and October, 1871, in H.M. surveying-ship 'Shearwater.' (Tract.) 8vo. London, 1872.
- . Further inquiries on Oceanic Circulation. 8vo. London, 1874.
- . Bemerkungen zu Dr. Otto Hahns microgeologischer Untersuchung des *Eozoon canadense*. (Tract.) 8vo. Stuttgart ?, 1876.
- . Land and Sea considered in relation to Geological Time. (Tract.) 8vo. London, 1880.
- . See 'PORCUPINE' and 'VALOROUS' EXPEDITIONS.
- and **Jeffreys** (J. Gwyn). Report on Deep-sea Researches carried on during the months of July, August, and September, 1879, in H.M. surveying-ship 'Porcupine.' (Tract.) 8vo. London, 1870.
- , **Parker** (W. Kitchen), and **Jones** (Thomas Rupert). Introduction to the Study of the Foraminifera. (Ray Society.) 4to. London, 1862.
- Carpenter** (W. L.). Reports on his Zoological Collections made in Colorado during the summer of 1873. (Tract.) 8vo. Washington, 1875.
- Carr** (E. S.). An Inaugural Address delivered in the Senate Chamber of the Capitol at Madison (Wis.), before the Board of Regents of the State University, January, 1856. (Tract.) 8vo. Madison, 1856.
- Carret** (Jules). Déplacement polaire : preuves des variations de l'axe terrestre. 8vo. Paris and Chambéry, 1877.
- Carrington** (F. A.). The New Zealand Company. Letter on New Zealand, showing the nature of the land purchases of the Company, etc. (Tract.) 8vo. London, 1845.
- Carter** (Henry J.). A descriptive Account of the Freshwater Sponges in the Island of Bombay, with Observations on their Structure and Development. (Tract.) 8vo. Bombay, 1849.
- . On Foraminifera, their organization and their existence in a fossilized state in Arabia, Sindh, Kutch, and Khattyawar. (Tract.) 8vo. Bombay, 1849.
- . Geological observations on the Igneous Rocks of Maskat and its neighbourhood, and on the Limestone formation at their circumference. (Tract.) 8vo. Bombay, 1850.

- Carter (Henry J.).** A geographical description of certain parts of the South-east Coast of Arabia, etc. (Tract.)
8vo. *Bombay*, 1851.
- . Memoir on the Geology of the South-east Coast of Arabia. (Tract.)
8vo. *Bombay*, 1851.
- . Geology of the Island of Bombay. (Tract.)
8vo. *Bombay*, 1852.
- . Summary of the Geology of India, between the Ganges, the Indus, and Cape Comorin. (Tract.)
8vo. *Bombay*, 1854.
- . Geological papers on Western India, including Cutch, Scinde, and the South-east Coast of Arabia. Edited for the Government of India. 2 copies.
4to; Atlas, fol. *Bombay*, 1857.
- . Extract from a compilation entitled Geological Papers on Western India, edited for the Government of Bombay.
4to. *Bombay*, 1857?
- . Report on geological specimens from the Persian Gulf, collected by Lieutenant C. G. Constable. (Tract.)
8vo. *Calcutta*, 1860.
- . Further observations on the structure of Foraminifera, and on the larger fossilized forms of Scinde, &c. (Tract.)
8vo. *London*, 1861.
- . On contributions to the Geology of Western India, including Sind and Beloochistan. (Tract.)
8vo. *Bombay*, 1862.
- . On Fossil Sponge-spicules of the Greensand compared with those of existing species. (Tract.)
8vo. *London*, 1871.
- Cartheuser (Friedrich August).** Mineralogische Abhandlungen.
8vo. *Giessen*, 1771.
- Caruana (A. A.).** Enumeratio ordinata Molluscorum Gaulo-Miletensium of the late Mr. Giuseppe Mamo. (Tract.)
8vo. *Malta*, 1867.
- Carus (C. G.).** Das Kopfskelet des *Zeuglodon hydrarchos*, zum Erstenmale nach einem vollständigen Exemplare beschrieben und abgebildet. (Tract.)
4to. *Dresden*, 1849.
- Carus (J. Victor) and Engelmann (Wilhelm).** Bibliotheca Zoologica. The Literature of Zoology, which has appeared in periodicals, transactions, etc., and of the books published from 1846 to 1860. 2 vols.
8vo. *Leipzig and London*, 1861.
- Carvalho (José Pinto Rebello de).** See REBELLO DE CARVALHO (José Pinto).
- Case (Theo. S.).** See SERIALS, ETC.: KANSAS.
- Cassell's Natural History.** Edited by P. Martin Duncan. Vols. I. etc.
4to. *London*, 1877 etc.
- Cassola (F.) and Pilla (L.).** Lo Spettatore del Vesuvio e de' Campi Flegrei. Fasc. I. Nos. 1-3 (in duplicate). Fasc. II. 1-3. (Tracts.)
8vo. *Naples*, 1832-33.
- Castel (—).** Rapport sur une explosion d'hydrogène carboné dans les travaux d'une mine de fer. (Tract.)
8vo. *Paris*, 1854.
- Castelnau (F. de.).** Essai sur le Système Silurien de l'Amérique Septentrionale. (Tract.)
4to. *Paris*, 1843.
- . See BRONGNIART (Alexandre) etc., and ELIE DE BEAUMONT (L.).
- Catalogue of Botanical, Conchological, Entomological and Mineralogical works published by G. D. C. and G. J. P.** (Tract.)
8vo. *Florence?*, 1832.

Catalogues of Books from ARTHUR (Thomas), ASHER and Co., BACHELIER (Mallet), BOSSANGE (Gustave), CALVARY (S.), DAVIES (G. A.), DUCLOS (P. L.), DULAU and Co., FRIEDLÄNDER (R.), HIGHLEY (S.), HUSK (Charles F.), KIRCHHOFF and WIGAND, KÖHLER (K. F.), MOSER (Albert), MULOT (J. B.), PALMER (Shirley), PRICE (Edward), REINWALD (Charles), RITTER (Carl), ROWSELL (Joel), SACKETT (Walter J.), SAVY (F.), SCHMIDT (H. W.), SMITH (W. J.), WEIGEL (T. O.), WHELDON (John), WILLIAMS and NORGATE.

— See also BOHN (Henry G.), BOURGUIGNAT (J. B.), BRODERIP (W. J.), BRONGNIART (Alex.), BROWN (Robert), BUCKLAND (William), CORDIER (P. L. A.), DAVIES (T. S.), FITTON (W. H.), MENARD DE LA GROYE (F. J. B.), MILNE (Joshua), NEES VON ESENBECK (C. G.), ORBIGNY (Alcide d'), QUARITCH (Bernard), ROISSY (Félix de), SPON (E. and F. N.), STASSART (Baron de), VROLIK (W.), WILLIS and SOTHERAN, and ZUCHOLD (E. A.)

Catalogues of Libraries. See LIBRARIES.

Catalogues of Minerals, Fossils, etc. Catalogue raisonné [à vente] d'une collection choisie de Minéraux, Cristallisations, Madrépores, Coquilles et autres Curiosités de la Nature et de l'Art. 8vo. *Paris*, 1769.

— — — — — 8vo. *Paris*, 1772.

— — — — — 8vo. *Paris*, 1780.

— — — — — 8vo. *Paris*, 1780.

— — — — — 8vo. *Paris*, 1783.

— Catalogue [sale] of a small Collection of Organic Fossils, etc. etc. [Stephens.] (Tract.) 8vo. *London*, 1840.

— See BOWLES (William), DRÉE (Marquis de), HARRINGTON (H.), HARRINGTON MUSEUM, HASTINGS (Marchioness of), HEULAND (H.), LEE (William), NUTTALL (Dr.), PHILLIPS (William), STUTCHBURY (Samuel), TANKERVILLE (Charles Augustus Bennet, Earl of), TAYLOR (Henry) and TONDI (Matteo).

Catalogues of Museums. See BRITISH MUSEUM and MUSEUMS.

Catcott (Alexander). A treatise on the Deluge. 8vo. *London*, 1761.

— — — — — 2nd edition. 8vo. *London*, 1768.

Catcott (George Symes). A descriptive account of a descent made into Penpark-Hole, in the parish of Westbury-upon-Trim, in the county of Gloucester, in the year 1775; also the narratives of Captains Sturmey and Collins, containing their descriptions of the same, in the years 1669 and 1682. (Tract.) 8vo. *Bristol*, 1792.

Caterini (G. B. Caterino). Catalogo metodico di minerali e rocce. (Tract.) 8vo. *Livorno*, 1870.

Catlin (George). A descriptive catalogue of his Indian Collection, containing portraits, landscapes, costumes, &c. . . . of the North American Indians. (Tract.) 8vo. *London*, 1848.

— The lifted and subsided rocks of America, with their influences on the oceanic, atmospheric, and land currents, and the distribution of Races. 8vo. *London*, 1870.

Catlow (Agnes) and **Reeve** (Lovell Augustus). The Conchologists' Nomenclator. A Catalogue of all the Recent Species of Shells included under the sub-kingdom 'Mollusca.' 8vo. *London*, 1845.

Catullo (Tommaso Antonio). Osservazioni sopra i monti che circoscrivono il distretto di Belluno. (Tract.) 8vo. *Verona*, 1818.

- Catullo** (Tommaso Antonio). Saggio di Zoologia fossile. 4to. *Padua*, 1827.
- . Trattato sopra la costituzione geognostico-fisica dei terreni alluviali o postdiluviani delle Provincie Venete. 8vo. *Padua*, 1838.
- . Osservazioni Geognostico-zoologiche sopra due scritti pubblicati nel tomo terzo delle memorie della Società Geologica di Parigi per l'anno 1838. (Tract.) 4 copies. 4to. *Padua*, 1840.
- . Lettera al Conte Camillo Salina [sopra la costituzione geognostica del Monte Spitz]. (Tract.) 8vo. *Bologna*, 1841.
- . Nota intorno gli Echinidi fossili della creta e del terreno terziario delle provincie Venete. (Tract.) 8vo. *Bologna*, 1841.
- . [Sul terreno paleozoico della Brianza, e descrizione della *Sigaretus Curionii*, Cat.] (Tract.) 12mo. *Padua*, 1843.
- . Sulle caverne delle provincie Venete. 4to. *Venice*, 1844.
- . Osservazioni sulle rocce levigate delle Alpi Venete. (Tract.) 8vo. *Venice*, 1846.
- . Remarques extraites de l'ouvrage inédit sur la Géognosie paléozoïque des Alpes Vénitiennes. (Tract.) 8vo ; Plates, 4to. *Bologna*, 1846.
- . Cenni sopra il sistema Cretaceo delle Alpi Venete e descrizione d'alcune specie di Cefalopodi trovate nella Calcaria rossa Ammonitica, e nel Biancone riferibili allo stesso sistema. (Tract.) 8vo. *Venice*, 1846.
- . Osservazioni sopra uno scritto del Nob. Achille de Zigno intorno alla non promiscuità dei fossili tra il Biancone e la Calcaria Ammonitica delle Alpi Venete. (Tract.) 8vo. *Padua*, 1847.
- . Intorno le Nereidi fossili di monte Bolca. (Tract.) 8vo. *Padua*, no date.
- . [Tavole inedite di Polepai fossili formanti seguito delle già pubblicate l'anno 1847 di cui fa cenno il Cav. Murchison nel Quarterly 1848 e 49.] (Tract.) 4to. 1850 ?
- . Lettera Geologica al celebre Cavaliere Impey Rodrigo Murchison. (Tract.) 8vo. *Bologna*, 1851.
- . Intorno ad una nuova classificazione delle Calcare rosse Ammonitiche delle Alpi Venete. (Tract.) 4to. *Venice*, 1853.
- . Sui Crostacei fossili della Calcaria grossolana del Veronese. (Tract.) 4to. *Padua*, 1854.
- . Prospetto degli scritti. 4to. *Padua*, 1857.
- . Delle Miniere delle Alpi Venete e principalmente di quelle del Bellunese. (Tract.) 8vo. *Venice*, 1860.
- . Brocchi, Gio. Battista [an obituary]. (Tract.) 2 copies. 8vo. *Padua*, 1863.
- . Discorrimenti sopra alcuni importanti fatti Geognostico-Paleozoici. (Tract.) 2 copies. 8vo. *Padua*, 1865.
- . Sopra le scoperte del chiaro uomo Sig. Dott. Liroy. . . . Nota Storico-geologica. (Tract.) 8vo. *Padua*, 1865.
- . See **PILLA** (L.).
- Catullo** (Valer.). Nota sopra alcuni fatti attinenti alla geognosia delle Alpi Venete. (Tract.) 8vo. *Milan*, 1842.
- Cauchy** (F. P.). Mémoire couronné en réponse à la question proposée par l'Académie Royale des Sciences et Belles-Lettres des Bruxelles : "Décrire la constitution géologique de la Province de Namur," etc. 4to. *Brussels*, 1825.

- Cauchy (F. P.).** Marche Géologique du Choléra. (Newspaper cutting.)
Namur, 1832.
- Caumont (— de).** Essai sur la Topographie Géognostique du Département du Calvados. 8vo. Caen, 1828.
- Cautley (Sir Proby T.).** Note on the Fossil Crocodile (and Gharial) of the Sivalik Hills. (Tract.) 4to. Calcutta (?), 1836.
- . Report on the Ganges Canal Works. 3 vols. 8vo.
Plans. 2 vols. fol. London, 1860.
- . The Ganges Canal. 8vo. London, 1864.
- . A Valedictory note to Major-General Sir Arthur Cotton, respecting the Ganges Canal. (Tract.) 8vo. London, 1864.
- . See FALCONER (Hugh).
- and Falconer (Hugh). Note on the *Ursus sivalensis*, a new Fossil species from the Sivalik Hills. (Tract.) 4to. Calcutta, 1836.
- Cecchi (Filippo).** Sismografo elettrico a carte affumicate scorrevoli. (Tract.) 4to. Rome, 1876.
- Celnart (—).** Manuel complet des jeux de Société.
12mo. Paris, 1827.
- Cermelli (Pier Maria).** Carte corografiche e memorie riguardanti le Pietre, le Miniere, e i Fossili per servire alla Storia naturale delle Provincie del Patrimonio, Sabina, Lazio, Marittima, Campagna, e dell' Agro Romano. 2 copies. 4to. Naples, 1782.
- Ceselli (Luigi).** Sopra una Tartaruga trovata alle acque caje di Viterbo. (Tract.) 8vo. Rome, 1846.
- . Memoria Geologica sopra i colli Giannicolesi. (Tract.)
8vo. Rome, 1848.
- . Esposizione descrittiva ed analitica sui minerali dei dintorni di Roma e della Quiritina. (Tract.) 8vo. Rome, 1866.
- . Stromenti in silice della prima epoca della pietra della Campagna Romana. (Tract.) 8vo. Rome, 1866.
- . [Résumé du mémoire sur les silex taillés de l'époque archéolithique qu'on trouve dans la Campagne Romaine.] (Tract.)
8vo. Rome?, 1867.
- . Sopra l'arte ceramica primitiva nel Lazio. (Tract.)
4to. Rome, 1868.
- Chabas (F.).** Notice sur la découverte d'une couche abondante de Crinoïdes fossiles de l'espèce *Pentacrinus*. (Tract.)
8vo. Chalon-sur-Saône, 1877.
- Chabriol (J. S. Devèze de).** See DEVÈZE DE CHABRIOL (J. S.).
- Chaillet (Jean-Frédéric de).** Biographical Notice. See CANDOLLE (Aug. Pyr. de).
- "Challenger Expedition."** Reports of Ocean Soundings and Temperatures, 1873–1876. Nos. 1–7. Fol. London, 1873–1876.
- . Papers by Sir Wyville Thomson, Mr. Murray, Mr. Moseley, Mr. Buchanan, and the late Dr. Von Willemöes-Suhm.
8vo. London, 1876.
- . The Voyage of the 'Challenger.' The Atlantic: a preliminary account of the general results of the Exploring Voyage of H.M.S. 'Challenger,' 1873 and 1876. By Sir C. Wyville Thomson. 2 vols.
8vo. London, 1877.
- Chalmas (— Munier-).** See HÉBERT (E.).

- Chalmers** (Charles). Notes for Enquiry. Nos. 1 and 2. (Tract.)
8vo. *Edinburgh*, 1855.
- Chambers** (Charles Harcourt). See GASTALDI (Bartolomeo).
- Chambers** (J.). Geology of Norfolk. (Tract.) 8vo. *Norwich*, 1829.
- Chambers** (Robert). Vestiges of the Natural History of Creation. 4th edition. 8vo. *London*, 1845.
- . 11th edition. 8vo. *London*, 1860.
- . Explanations: a Sequel to 'Vestiges of the Natural History of Creation.' 8vo. *London*, 1845.
- . Ancient Sea-margins. 8vo. *Edinburgh* and *London*, 1848.
- . Tracings of the North of Europe. 12mo. *Edinburgh*, 1850.
- . On Glacial Phenomena in Scotland and part of England. (Tract.)
8vo. *Edinburgh*, 1853.
- Chambers** (V. T.). Papers on the Tineina and Entomostraca of Colorado. (Tract.) 8vo. *Washington*, 1877.
- . III. New Tineina from Texas. IV. Food-plants of Tineina. V. Index to the described Tineina of the United States and Canada. (Tract.) 8vo. *Washington*, 1878.
- Chambrun de Rosemont** (A. de). Etudes géologiques sur le Var et le Rhône pendant les périodes tertiaires et quaternaires. La période pluviale. 8vo. *Nice*, 1873.
- Chandler** (C. F.). Lecture on Water. (Tract.) 8vo. *Albany*, 1871.
- Channel Tunnel**. Statement by the Executive Committee, with Engineers' Report and Diagram. (Tract.) 8vo. *London*, 1869.
- . Practical opinions on the Construction and Right Position for the Channel Tunnel [by S. C. Homersham and F. A. L. Murray]. (Tract.) 4to. *London*, 1873.
- . [Newspaper Report of a discussion at the British Association.] (Tract.) 4to. *Barrow*, 1875.
- Chantereaux** (— Bouchard-). See BOUCHARD-CHANTEREAUX (—).
- Chantre** (Ernest). Les faunes mammalogiques tertiaire et quaternaire du bassin du Rhône. (Tract.) 8vo. *Lyons*, 1874.
- . See FALSAN (Albert) and LORTET (P.).
- Chaper** (—). Sur le Plagiptychus. (Tract.) 8vo. *Paris*, 1873.
- Chapman** (E. J.). On the Object of the Salt Condition of the Sea. (Tract.) 8vo. *Toronto*, 1855.
- . A Popular and Practical Exposition of the Minerals and Geology of Canada. 8vo. *Toronto*, 1864.
- . A Popular Exposition of the Minerals and Geology of Canada. 8vo. *Toronto*, 1871.
- . An Outline of the Geology of Canada. 8vo. *Toronto*, 1876.
- . On the probable nature of the supposed fossil tracks known as Protichnites and Climactichnites. (Tract.) 8vo. *Toronto*, 1877.
- Chapuis** (F.). Nouvelles recherches sur les fossiles des terrains secondaires de la province de Luxembourg. Part I. 4to. *Brussels*, 1858.
- Charlesworth** (Edward). Observations on the Crag-formation and its Organic Remains; with a view to establish a Division of the Tertiary Strata overlying the London Clay in Suffolk. (Tract.)
8vo. *London*, 1835.
- . Reply to Mr. Woodward's Remarks on the Coralline Crag, etc. (Tract.) 8vo. *London*, 1835.

- Charlesworth** (Edward). Appendix to the Thirty-ninth number of the New Series of the Magazine of Natural History. (Tract.) 8vo. *London*, 1840.
- . Catalogue of British Marine recent shells. 8vo. *York*, 1852.
- Charleton** (Walter). Exercitationes de differentiis et nominibus Animalium : quibus accedunt Mantissa Anatomica, etc. 2nd edition. 4to. *Oxford*, 1677.
- Charnock** (Richard S.). Verba Nominalia, or words derived from Proper names. (Anthropological Society.) 8vo. *London*, 1866.
- Charpentier** (Johann Friedrich Willhelm von). Mineralogische Geographie der chursächsischen Länder. 4to. *Leipzig*, 1778.
- . Beobachtungen über die Lagerstätte der Erze : hauptsächlich aus den sächsischen Gebirgen. 4to. *Leipzig*, 1799.
- . Beytrag zur geognostischen Kenntniss des Riesengebirges schlesischen Antheils. 2 copies. 4to. *Leipzig*, 1804.
- . Essai sur la constitution géognostique des Pyrénées. 2 copies. 8vo. *Paris* and *Strasburg*, 1823.
- . Notice sur la cause probable du transport des blocs erratiques de la Suisse. (Tract.) 8vo. *Paris*, 1835.
- . Essai sur les glaciers et sur le terrain erratique du bassin du Rhône. 2 copies. 8vo. *Lausanne*, 1841.
- Charpentier** (— Toussaint). Darstellung der Höhen verschiedener Berge, Flüsse und Orte Schlesiens. 4to. *Breslau*, 1812.
- Charpentier de Cossigny** (J.). La Terre, sa formation et sa constitution actuelle. 8vo. *Paris*, 1874.
- Charrière** (E.). See LEVCHINE (Alexis de).
- Chassot de Florencourt** (Carl). Ueber die Bergwerke der Alten. 8vo. *Göttingen*, 1785.
- Chatel** (Victor). Découverte à Montchauvet de restes d'un grand alignement de pierres, dites Celtiques, et de plusieurs cromlechs ou cercles de pierres, de silex taillés et d'une petite hache celtique, etc. au sommet des Bois de Valcongrain. (Tract.) 8vo. *Caen*, 1864.
- . Lettre relative aux silex taillés de main d'homme ou antéhistoriques, adressée à M. Boucher de Perthes. (Tract.) 8vo. *Caen*, 1866.
- Chaulaire** (P. G.). See PUY-DE-DÔME.
- Chavannes** (D. A.). Discours prononcé à Lausanne, en ouvrant la première Séance de la réunion périodique de la Société Helvétique des Sciences Naturelles. (Tract.) 8vo. *Lausanne*, 1818.
- Chavannes** (S.). Notice nécrologique sur Ch. Adolphe Morlot. (Tract.) 8vo. *Berne*, 1867.
- Cheadle** (R. W.) and **Woodward** (B. B.). Notes on the Pleistocene deposits at Crayford and Erith. (Tract.) 8vo. *London*, 1876.
- Chellonneix** (E.). See ORTLIEB (J.).
- Chemnitz** (Johann Hieronymus). See MARTINI (F. H. W.).
- Chenevix** (Richard). Observations on Mineralogical Systems, translated from the French. (Tract.) 8vo. *London*, 1811.
- Cheney** (T. Apoleon). Illustrations of the Ancient Monuments in Western New York. (Tract.) 8vo. *New York?*, 1859.
- Chenu** (J. C.). Notice sur le Musée Conchyliologique de M. le Baron Benjamin Delessert. (Tract.) 8vo. *Paris*, 1849.

- Cheshire** (Edward). The Results of the Census of Great Britain in 1851. (Tract.) 8vo. *London*, 1853.
- . [Abstract.] (Tract.) 8vo. *London*, 1853.
- Chevalier** (E.). Voyage autour du Monde exécuté pendant les années 1836 et 1837 sur la corvette 'La Bonite.' Géologie et Minéralogie. 8vo. *Paris*, 1844.
- Chevalier** (Michel). Remarks on the production of the Precious Metals, and on the Depreciation of Gold. Translated by D. Forbes Campbell. (Tract.) 8vo. *London*, 1853.
- Chevallier** (J. B. A.) and **Robinet** (S.). Notice historique sur L. N. Vauquelin. (Tract.) 8vo. *Paris*, 1830.
- Chevandier** (Eugène). See PONCELET (—).
- Chevreul** (E.). Exposé d'un moyen de définir et de nommer les couleurs d'après une méthode précise et expérimentale. Atlas. 4to. *Paris*, 1861.
- Chiavetta** (Benedetto). Memoria dell' ultima eruzione dell' Etna, 1809. (Tract.) 8vo. *Messina*, 1809.
- Children** (John George). Account of some Experiments with a large Voltaic Battery. (Tract.) 4to. *London*, 1815.
- . See BERZELIUS (J. J.) and THENARD (L. J.).
- China**. A Complete view of the Chinese Empire. . . . And a genuine and copious Account of Earl Macartney's Embassy. 8vo. *London*, 1798.
- Chiswick**. See HAMMERSMITH.
- Chittenden** (George B.). See SURVEYS: UNITED STATES.
- Choffat** (Paul). Age du gisement fossilifère des sèches des Amburnets. (Tract.) 8vo. *Geneva*, 1877.
- Christ** (Wilhelm). Von der Bedeutung der Sanskritstudien für die griechische Philologie. Festrede gehalten in der öffentlichen Sitzung der k. b. Akademie der Wissenschaften . . . am 28 März, 1860. 4to. *Munich*, 1860.
- Christie** (Alexander Turnbull). A Treatise on the Epidemic Cholera; containing its History, Symptoms, Autopsy, Etiology, Causes, and Treatment. 8vo. *London*, 1833.
- Christy** (Henry). See LARTET (Edouard).
- Church** (John A.). The Heat of the Comstock Mines. (Tract.) 8vo. *Columbus*, 1878.
- Cialdi** (Alessandro). Cenni sul moto ondoso del mare e sulle correnti di esso. (Tract.) 4to. *Rome*, 1856.
- . Les Ports-Canaux. (Tract.) 4to. *Rome*, 1866.
- . Sul moto ondoso del mare e su le correnti di esso specialmente su quelle littorali. 8vo. *Rome*, 1866.
- . Port Saïd. (Tract.) 8vo. *Rome*, 1868.
- Ciofalo** (Saverio). Descrizione della *Natica Gemmellaroi*, nuova specie del cretaceo superiore dei dintorni di Termini-Imerese. (Tract.) 8vo. *Palermo*, 1869.
- Clanny** (W. Reid). A History and Analysis of the Mineral Waters situated at Butterby, near Durham. (Tract.) 8vo. *Durham*, 1807.
- . A Treatise on the Mineral Waters at Gilsland. 8vo. *Sunderland*, 1816.

Claraz (Charles). See HEUSSER (J. Ch.).

Clark (Hamlet). See BRITISH MUSEUM.

- Clark (James).** The Influence of Climate in the Prevention and Cure of Chronic Diseases, more particularly of the Chest and Digestive Organs: comprising an account of the principal places resorted to by Invalids in England and the South of Europe. 2nd edition.
8vo. London, 1829.
- . Additions in the Second Edition, etc. etc.
8vo. London, 1830.
- Clark (William).** Observations on the Littorinidæ. (Tract.)
8vo. London, 1850.
- Clark (Rev. William).** See VAN DER HOEVEN (J.).
- Clarke (A. R.).** Determination of the positions of Feaghmain and Haverfordwest.
4to. London, 1867.
- and **James (Henry).** Comparisons of the Standards of Length in England, France, Belgium, Prussia, Russia, India, and Australia.
4to. London, 1866.
- . See SURVEYS: GREAT BRITAIN. Ordnance Survey.
- Clarke (Edward Daniel).** A Syllabus of Lectures on Mineralogy, containing a Methodical distribution of Minerals.
8vo. London, 1818.
- Clarke (Hyde).** On Geological Surveys. (Tract.) 8vo. London, 1859.
- Clarke (William Branwhite).** On the Geological Phænomena in the vicinity of Cape Town, Southern Africa. (Tract.)
8vo. London, 1841.
- . On the Discovery of Gold in Australia. (Tract.)
8vo. London, 1852.
- . Researches in the Southern Gold-fields of New South Wales.
8vo. Sydney, 1860.
- . Recent Geological Discoveries in Australasia. 2nd edition.
2 copies. 8vo. Sydney, 1861.
- . Catalogue of Specimens from the Wianamatta and Hawkesbury Rocks, overlying the productive upper Coal-measures of New South Wales. (Tract.)
Fol. Sydney, 1866.
- . On the Transmutation of Rocks in Australasia. (Tract.)
8vo. Sydney, 1866.
- . Remarks on the Sedimentary Formations of New South Wales. (Tract.)
8vo. Sydney, 1867.
- . Remarks on the Sedimentary Formations of New South Wales. 2nd edition. (Tract.)
8vo. Sydney, 1870-71.
- . Remarks on the Sedimentary Formations of New South Wales. 3rd edition. (Tract.)
8vo. Sydney, 1875.
- . Remarks on the Sedimentary Formations of New South Wales, illustrated by references to other provinces of Australasia. 4th edition. (Tract.) 2 copies.
8vo. Sydney, 1878.
- . Address delivered to the Royal Society of New South Wales at the Anniversary Meeting, 25th May, 1870. (Tract.)
8vo. Sydney, 1871.
- . Address delivered to the Royal Society of New South Wales, 1873. (Tract.)
8vo. Sydney, 1873.
- . Address delivered to the Royal Society of New South Wales at the Anniversary Meeting, 17th May, 1876. (Tract.)
8vo. Sydney, 1876.

- Clarke** (William Branwhite). On the Deep Oceanic Depression off Moreton Bay. (Tract.) 8vo. *Sydney*, 1876.
- . See EXHIBITION OF 1876; LEICHARDT (Ludwig); NEW SOUTH WALES; and REPORTS, COLONIAL, New South Wales.
- Claussen** (P.). Notes géologiques sur la Province de Minas Geraes au Brésil. (Tract.) 8vo. *Brussels*, 1841.
- Claypole** (E. W.). On the Occurrence of a Fossil Tree (*Glyptodendron*) in the Clinton Limestone (base of Upper Silurian) of Ohio, U.S. (Tract.) 8vo. *London*, 1878.
- Clayton** (Robert). Vindication of the Histories of the Old and New Testament (in answer to the objections of the late Lord Bolingbroke). 4th edition. 2 vols. 8vo. *Dublin*, 1754.
- Cleaveland** (Parker). Account of Fossil Shells. (Tract.) 4to.
- . An Elementary Treatise on Mineralogy and Geology, being an introduction to the study of these Sciences, and designed for the use of pupils, etc., in the United States of America. 8vo. *Boston*, 1816.
- . 2nd edition. 2 vols. 8vo. *Boston*, 1822.
- Clifford** (H. F.). See HALL (Basil).
- Clifford** (John). Recent Sciences—Geology (Tract.) 8vo. *Leicester*, 1880.
- Clift** (William). See WHIDBEY (Joseph).
- Clissold** (Frederick). Narrative of an ascent to the summit of Mont Blanc, August 18th, 1822. (Tract.) 8vo. *London*, 1823.
- Cloquet** (—). Sur des Silex taillés. (Tract.) 8vo. *Brussels*, 1866.
- Clutterbuck** (J. C.). The Agriculture of Berkshire. (Tract.) 8vo. *London*, 1861.
- Coal**. Observations on the proposed duties on the Exportation of Coals, etc. (Tract.) 8vo. *London*, 1842.
- . Reports received from H.M. Secretaries of Embassy and Legation respecting Coal. 8vo. *London*, 1864.
- . Reports received from H.M. Secretaries of Embassy and Legation respecting Coal. With an Appendix, and Reports as to Coal production in British Colonies. (Tract.) 8vo. *London*, 1867.
- . (Tract.) 8vo. *London*, 1868.
- . See JOHNSON (Walter R.) and REPORTS.
- Coal-mines, Explosions**. Essays on the prevention of explosions and accidents in coal-mines. By Wilfred Creswick of Sheffield, William Galloway of London, and William Hopton of St. Helen's. 8vo. *London*, 1874.
- . See REPORTS.
- Coan** (Titus). On the recent Eruption of Mauna Loa. (Tract.) 8vo. *Newhaven*, 1856.
- . On the Volcanic Eruptions in Hawaii. (Tract.) 8vo. *London*, 1856.
- Coates** (Thomas). Statement of the Plan for supplying London with Water proposed in the "Metropolitan Waterworks Bill (Henley-on-Thames and London Aqueduct)." (Tract.) 2 copies. 8vo. *London*, 1850.
- Cobbold** (R. H.). On the Occurrence of Coal near the City of E-u in China. (Tract.) 8vo. *London*, 1856.

- Cocchi** (Iginò). Description des Roches ignées et sédimentaires de la Toscane. (Tract.) 8vo. *Paris*, 1856.
- . Geologia dell' Isola di Sardegna. [Review of] Voyage en Sardaigne . . . 3me partie. Description géologique. Par A. de la Marmora (1857). (Tract.) 3 copies. 8vo. *Turin*, 1857.
- . Monografia dei Pharyngodopilidæ, nuova famiglia di pesci labroidi. (Tract.) 2 copies. 4to. *Florence*, 1864.
- . Sulla Geologia dell' Italia Centrale. Lezioni Raccolte e pubblicate per cura di C. Puini e di A. Mariani. (Tract.) 2 copies. 8vo. *Florence*, 1864.
- . Di alcuni resti umani e degli oggetti di umana industria dei tempi preistorici raccolti in Toscana. (Tract.) 4to. *Milan*, 1865.
- . Sulla geologia dell' Alta Valle di Magra. (Tract.) 4to. *Milan*, 1866.
- . L'uomo fossile nell' Italia Centrale. (Tract.) 4to. *Milan*, 1867.
- . See ITALY. Cataloghi di Paleontologia.
- Cochran-Patrick** (R. W.). See PATRICK (R. W. Cochran-).
- Cockburn** (William). The Creation of the World. (Tract.) 4to. *London*, 1840.
- Codrington** (Thomas). The Geology of the Berks and Hants Extension and Marlborough Railways. (Tract.) 8vo. *Devizes*, 1865.
- Coemans** (Eugene). See BRIART (A.).
- Cogels** (P.). See SURVEYS: BELGIUM.
- Cohen** (Emil). Die zur Dyas gehörigen Gesteine des südlichen Odenwaldes. (Tract.) 8vo. *Heidelberg*, 1871.
- . Geognostisch-petrographische Skizzen aus Süd-Afrika. (Tract.) 8vo. *Berlin*, 1874.
- . Erläuternde Bemerkungen zu der Routen-Karte einer Reise von Lydenburg nach den Goldfeldern und von Lydenburg nach der Delagoa Bai im östlichen Süd-Afrika. (Tract.) 8vo. *Hamburg*, 1875.
- . See BENECKE (E. W.).
- Cohn** (Ferdinand). An abstract of the Natural History of *Protococcus pluvialis*. Translated by George Busk. (Ray Society.) 8vo. *London*, 1853.
- Colby** (Thomas). Obituary notice. See PORTLOCK (J. E.).
- . Ordnance Survey of the County of Londonderry. 4to. *Dublin*, 1835.
- . Address delivered at the Sixth Annual Meeting of the Geological Society of Dublin. (Tract.) 8vo. *Dublin*, 1837.
- . See WILLIAMS (Edward).
- Colding** (A.). Rapport . . . sur le mémoire de M. Wex: "Ueber die Wasserabnahme in den Quellen," etc. *Wien*, 1873. (Tract.) 8vo. *Copenhagen*, 1875.
- Cole** (Robert). On the Geological position and association of the Laterite, or Iron Clay formation of India, with a description of that rock . . . near Madras. (Tract.) 8vo.
- Coleman** (Lyman). The Great Crevasse of the Jordan and of the Red Sea. (Tract.) 8vo. 1867.
- Colin** (Prof. —). See EDWARDS (W. T.)

- Collegno (H. de).** Essai d'une classification des terrains tertiaires du département de la Gironde. (Tract.) 8vo. *Bordeaux*, 1843.
- . Sur les terrains diluviens des Pyrénées. (Tract.) 8vo. *Bordeaux*, 1843.
- Collenot (J. J.).** La brèche osseuse de la Montagne de Genay, près Semur, Côte-d'Or. (Tract.) 8vo. *Semur*, 1865.
- Collini (C. A.).** Journal d'un Voyage, qui contient différentes observations minéralogiques ; particulièrement sur les Agates et les Basaltes. 8vo. *Mannheim*, 1776.
- . Considerations sur les Montagnes volcaniques. (Tract.) 2 copies. 8vo. *Mannheim*, 1781.
- Collins (Capt. —).** See CATCOTT (George Symes).
- Collins (Greenville).** Great Britain's Coasting Pilot. In two parts, being a new and exact survey of the sea-coast of England and Scotland, etc. Fol. *London*, 1723.
- Collins (J. Henry).** A Handbook to the Mineralogy of Cornwall and Devon. 8vo. *Truro and London*, 1871.
- . On the Mining District of Cornwall and West Devon. (Tract.) 8vo. *Birmingham*, 1873.
- . On the Great Perran Iron Lode. (Tract.) 8vo. *Falmouth*, 1874.
- . Principles of Metal Mining. 8vo. *London and Glasgow*, 1874.
- . Note on the Occurrence of Achroite at Rock Hill, in the Parish of St. Austell, Cornwall, and on the Black Tourmaline of the same locality. (Tract.) 8vo. *London*, 1876.
- . The Hensbarrow Granite District. A Geological Description and a Trade History. (Tract.) 8vo. *Truro*, 1878.
- . On the Trelissick Elvan, with a proposed Classification of the Cornish Elvans. (Tract.) 8vo.
- . Remarks on the Successive Mining Schools of Cornwall. (Tract.) 8vo.
- Collinson (P.).** Extract of three very remarkable Letters communicated by Pr. Collinson, Esq., concerning Elephant's bones of vast size dug up in England, with observations. [Extracted from the 'Gentleman's Magazine,' 1757-1785.] (Tract.) Fcap. fol. Manuscript.
- Collomb (Edouard).** Note sur l'époque d'apparition des glaciers dans l'Europe centrale. Et Note sur l'apparition récente des glaciers, sur leur maximum de développement en Europe, leur diminution et disparition ; par Constant Prévost. (Tract.) 4to. *Paris*, 1850.
- See also LECOQ (H.).
- . Mémoire sur les Glaciers actuels. (Tract.) 8vo. *Paris*, 1857.
- . See MARTINS (Charles) and Verneuil (Ed. de).
- Colquhoun (Ewing Pye).** See ULRICH (H. N.).
- Columbian Mining Association.** Sixteenth Report of the Directors. (Tract.) 8vo. *London*, 1836.
- Columna (Fabius).** Opusculum de Purpura, Romæ primum, an. 1616, editum, et nunc iterum luci datum. Opera ac studio Johann Danielis Majoris, cujus novissime accesserunt annotationes quædam. 4to. *Kiel*, 1676.
- . See SCILLA (Agost.).

- Colvin** (Verplanck). Report on a Topographical Survey of the Adirondack Wilderness of New York. 8vo. *Albany*, 1873.
- Combes** (Jacques Ludomir). Mémoire sur l'exploitation des Mines des Comtés de Cornwall et de Devon. (Tract.) 8vo. *Paris*, 1834.
- . Etudes géologiques sur l'ancienneté de l'homme, etc., dans les vallées du Lot et de ses affluents, la Thèze, la Lémance et la Lède, département de Lot-et-Garonne. (Tract.) 8vo. *Agen*, 1865.
- Comte** (Achille). See EDWARDS (H. MILNE-).
- Conchology**. Verzeichniss einer Sammlung von Meeres-, Süßwasser- und Land-Conchylien, von 1216 Species, geordnet nach Philippi's Handbuch der Conchyliologie. (Tract.) 8vo. *Heidelberg*, 1850.
- Connell** (Arthur). Analysis of Coprolites and other Organic Remains imbedded in the Limestone of Burdiehouse, near Edinburgh. (Tract.) 4to. *Edinburgh*, 1835.
- Conrad** (Timothy Abbot). Fossil Shells of the Tertiary Formations of North America. (Tract.) 8vo. *Philadelphia*, 1832.
- . Fossils of the Tertiary Formations of the United States. 2 copies. 8vo. *Philadelphia*, 1838.
- . Descriptions of one new Cretaceous and seven new Eocene Fossils. (Tract.) 4to. *Philadelphia*, 1850.
- . A Synopsis of the Family of Naiades of North America, etc. (Tract.) 8vo. *Philadelphia*, 1853.
- . Monograph of the Genus *Fulgur*. (Tract.) 8vo. *Philadelphia*, 1853.
- . Synopsis of the Genera *Cassidula*, Humph., and of a proposed new Genus *Athleta*. (Tract.) 8vo. *Philadelphia*, 1853.
- . Check List of the Invertebrate Fossils of North America. Eocene and Oligocene. (Tract.) 8vo. *Washington*, 1866.
- . Explorations from the Mississippi to the Pacific. See UNITED STATES.
- . See BLAKE (William P.), and SURVEYS: UNITED STATES.
- Contejean** (Charles). Etude de l'étage Kimmérien dans les environs de Montbéliard et dans le Jura de France et de l'Angleterre. 8vo. *Paris*, 1859.
- . Eléments de Géologie et de Paléontologie. 8vo. *Paris, London, and Madrid*, 1874.
- Conybeare** (W. D.) and **Phillips** (William). Outlines of the Geology of England and Wales. Part I. 2 copies. 8vo. *London*, 1822.
- Coode** (Sir John). Description of the Chesil Bank. (Tract.) 8vo. *London*, 1853.
- Cook** (George H.). See SURVEYS: NEW JERSEY.
- Cook** (S. E.). Sketches in Spain during the years 1829, 30, 31, and 32. 2 vols. 8vo. *London*, 1834.
- Cooke** (Josiah P.). Crystalline Form not necessarily an indication of definite Chemical Composition. (Tract.) 8vo. *London*, 1860.
- . The Vermiculites: their Crystallographic and Chemical Relations to the Micæ, &c. (Tract.) 8vo. *Philadelphia*, 1874.
- . Melanosiderite: a new mineral species, from Mineral Hill, Delaware County, Pennsylvania. (Tract.) 8vo. *Philadelphia*, 1875.
- . Contributions from the Chemical Laboratory of Harvard College. (Tract.) 8vo. *Cambridge, Mass.*, 1877.

Cooke (Philip St. George). The Official journal of Lieut.-Col. P. St. G. Cooke from Santa Fé to San Diego, &c. (Tract.)

8vo. *Washington*, 1849.

Cookesley (T. Hugo). See PLATTNER (K. F.).

Coolidge (Richard H.). See UNITED STATES. Statistical Report on the Sickness and Mortality in the Army.

Cooper (Daniel). A List of the Land and Freshwater Shells found in the Environs of London. (Tract.) 8vo. *London*, 1836.

——. Flora Metropolitana; or Botanical Rambles within thirty miles of London, with Supplement. (Tract.) 8vo. *London*, 1837.

——. Catalogue of the British Natural Orders and Genera, arranged according to the system of Decandolle (extracted from Dr. D. C. Macreight's Manual of British Botany), together with the whole of the Linnæan Classes and Orders (from Sir W. J. Hooker's British Flora). Printed by order of the Council of the Botanical Society of London. (Tract.) Fol. *London*, 1838.

——. Australian Coal. Fol. *London*, 1862.

——. See REPORTS, PARLIAMENTARY. Coal.

Cooper (J. G.). See SURVEYS: CALIFORNIA.

Cooper (William). Notices of Big Bone Lick [Kentucky]. (Tract.) 8vo. 1832.

Cooper (W. M.). See SURVEYS: NEW ZEALAND.

Cope (Edward Dwight). On Cretaceous and Tertiary Reptilia and Fishes. (Tract.) 8vo. *Philadelphia*, 1870.

——. On the Cretaceous and Tertiary Reptilia and Fishes.—On the Saurodontidæ.—On the Fishes of a Freshwater Tertiary in Idaho, discovered by Capt. Clarence King. (Tract.)

8vo. *Philadelphia*, 1870.

——. A Description of the genus *Protostega*, a form of extinct Testudinata. (Tract.) 8vo. *Philadelphia*, 1872.

——. Descriptions of new extinct Reptiles from the Upper Green River Eocene Basin, Wyoming. (Tract.) 8vo. *Philadelphia*, 1872.

——. [Fossil discoveries in Southern Wyoming.] (Tract.) 8vo. *Philadelphia*, 1872.

——. Notices of new Vertebrata from the upper waters of Bitter Creek, Wyoming Territory. (Tract.) 8vo. *Philadelphia*, 1872.

——. ———. Second Notice. (Tract.) 8vo. *Philadelphia*, 1872.

——. Second account of new Vertebrata from the Bridger Eocene. (Tract.) 8vo. *Philadelphia*, 1872.

——. Third account of new Vertebrata from the Bridger Eocene of Wyoming Valley. (Tract.) 8vo. *Philadelphia*, 1872.

——. On a new Vertebrate Genus from the northern part of the Tertiary basin of Green River. (Tract.) 8vo. *Philadelphia*, 1872.

——. On the Dentition of *Metalophodon*. (Tract.) 8vo. *Philadelphia*, 1872.

——. On the Existence of Dinosauria in the Transition beds of Wyoming. (Tract.) 8vo. *Philadelphia*, 1872.

——. On the structure and systematic position of the genus *Eobasileus*, Cope. (Tract.) 8vo. *Philadelphia*, 1872.

——. On the Tertiary Coal and Fossils of Osino, Nevada. (Tract.) 8vo. *Philadelphia*, 1872.

- Cope** (Edward Dwight). On some Eocene Mammals obtained by Hayden's Geological Survey of 1872. (Tract.) 8vo. *Philadelphia*, 1873.
- . On some of Prof. Marsh's criticisms. (Tract.) 8vo. *Salem*, 1873.
- . On the Age of the Coal series of Bitter Creek. (Tract.) 8vo. *Philadelphia*, 1873.
- . On the Flat-clawed Carnivora of the Eocene of Wyoming. (Tract.) 8vo. *Philadelphia*, 1873.
- . On the Osteology of the Extinct Tapiroid *Hyrachyus*. (Tract.) 8vo. *Philadelphia*, 1873.
- . On the Primitive Types of the Orders of Mammalia Educabilia. (Tract.) 8vo. *Philadelphia*, 1873.
- . On the short-footed Ungulate of the Eocene of Wyoming. (Tract.) 8vo. *Philadelphia*, 1873.
- . On two new Perissodactyles from the Bridger Eocene. (Tract.) 8vo. *Philadelphia*, 1873.
- . Synopsis of new Vertebrata from the Tertiary of Colorado, obtained during the summer of 1873. (Tract.) 8vo. *Washington*, 1873.
- . Report upon Vertebrate Fossils discovered in New Mexico, with descriptions of new Species. (Tract.) 8vo. *Washington*, 1874.
- . Consciousness in Evolution. (Tract.) 8vo. *Philadelphia*, 1875.
- . On the supposed Carnivora of the Eocene of the Rocky Mountains. (Tract.) 8vo. *Philadelphia*, 1875.
- . Synopsis of the Vertebrata of the Miocene of Cumberland County, New Jersey. (Tract.) 8vo. *Philadelphia*, 1875.
- . Systematic Catalogue of Vertebrata of the Eocene of New Mexico, collected in 1874. (Tract.) 8vo. *Washington*, 1875.
- . The Relation of Man to the Tertiary Mammalia. (Tract.) 8vo. *Philadelphia*, 1875.
- . Description of some Vertebrate Remains from the Fort Union Beds of Montana. (Tract.) 8vo. *Philadelphia*, 1876.
- . On some Extinct Reptiles and Batrachia from the Judith River and Fox Hills beds of Montana. (Tract.) 8vo. *Philadelphia*, 1876.
- . On the Geologic Age of the Vertebrate Fauna of the Eocene of New Mexico. (Tract.) 8vo. *Philadelphia*, 1876.
- . (Palæontological Bulletin, No. 21.) On the Geologic Age of the Vertebrate Fauna of the Eocene of New Mexico. (Tract.) 8vo. *Philadelphia*, 1876.
- . (——, No. 22.) Description of some Vertebrate remains from the Fort Union beds of Montana. (Tract.) 8vo. *Philadelphia*, 1876.
- . (——, No. 23.) On some Extinct Reptiles and Batrachia from the Judith River and Fox Hills beds of Montana. (Tract.) 8vo. *Philadelphia*, 1876.
- . The Extinct Vertebrata of North Carolina.—Synopsis of the Vertebrata whose remains have been preserved in the Formations of North Carolina. (Tract.) 8vo. *Raleigh*, 1876.
- . A Continuation of Researches among the Batrachia of the Coal-measures of Ohio. (Tract.) 8vo. *Philadelphia*, 1877.
- . On a Carnivorous Dinosaurian from the Dakota beds of Colorado. A Contribution to the knowledge of the Ichthyological Fauna of the Green River Shales.—On the Genus *Erisichthe*. (Tract.) 8vo. *Washington*, 1877.

- Cope** (Edward Dwight). On *Amphicœlias*, a genus of Saurians from the Dakota epoch of Colorado. (Tract.) 8vo. Philadelphia, 1877.
- . On some new or little-known Reptiles and Fishes of the Cretaceous No. 3, of Kansas. (Tract.) 8vo. Philadelphia, 1877.
- . On the Vertebrata of the Bone-bed in Eastern Illinois. (Tract.) 8vo. Philadelphia, 1877.
- . (Palæontological Bulletin, No. 24.) A continuation of Researches among the Batrachia of the Coal-measures of Ohio.—On a Dinosaurian from the Trias of Utah.—On a new Proboscidian. (Tract.) 8vo. Philadelphia, 1877.
- . (——, No. 25.) Verbal communication on a new locality of the Green River Shales containing Fishes, Insects, and Plants in a good state of preservation.—On a new species of Adocidæ from the Tertiary of Georgia.—On a Gigantic Saurian from the Dakota epoch of Colorado. (Tract.) 8vo. Philadelphia, 1877.
- . (——, No. 26.) On some new or little-known Reptiles and Fishes of the Cretaceous No. 3, of Kansas.—Description of Extinct Vertebrata from the Permian and Triassic Formations of the United States.—On Reptilian remains from the Dakota beds of Colorado. (Tract.) 8vo. Philadelphia, 1877.
- . (——, No. 27.) On *Amphicœlias*, a genus of Saurians from the Dakota epoch of Colorado. (Tract.) 8vo. Philadelphia, 1877.
- . Report on the Geology of the Region of the Judith River, Montana, and on Vertebrate Fossils obtained on or near the Missouri River. (Tract.) 8vo. Washington, 1877.
- . The Suessonian Fauna in North America. (Tract.) 8vo. Salem, 1877.
- . Verbal Communication on a new locality of the Green River Shales containing Fishes, Insects, and Plants, in a good state of preservation. (Tract.) 8vo. Philadelphia, 1877.
- . A new Opisthocœlous Dinosaur.—Prof. Marsh on Permian Reptiles. (Tract.) 8vo. Salem, 1878.
- . A new Species of *Amphicœlias*. (Tract.) 8vo. Salem, 1878.
- . Contributions to the Vertebrate Fauna of the Miocene of Oregon. (Tract.) 8vo. Philadelphia, 1878.
- . Descriptions of Fishes from the Cretaceous and Tertiary Deposits west of the Mississippi River. (Tract.) 2 copies. 8vo. Washington, 1878.
- . Descriptions of Fishes from the Tertiary Deposits west of the Mississippi River. (Tract.) 8vo. Washington, 1878.
- . On the Classification of the Extinct Fishes of the Lower Types. (Tract.) 8vo. Salem, 1878.
- . (Palæontological Bulletin, No. 28.) Descriptions of new Extinct Vertebrata from the Upper Tertiary Formations of the West.—On some Saurians found in the Triassic of Pennsylvania, by C. M. Wheatley.—On the Vertebrata of the Dakota Epoch of Colorado. (Tract.) 8vo. Philadelphia, 1878.
- . (——, No. 29.) Descriptions of Extinct Batrachia and Reptilia from the Permian Formation of Texas. (Tract.) 8vo. Philadelphia, 1878.

- Cope** (Edward Dwight). (Palæontological Bulletin, No. 30.) Contribution to the Vertebrate Fauna of the Miocene of Oregon, [or] On some of the Characters of the Miocene Fauna of Oregon. (Tract.)
8vo. *Philadelphia*, 1878.
- . Prof. Owen on the Pythonomorpha. (Tract.)
8vo. *Washington*, 1878.
- . The Relation of Animal Motion to Animal Evolution. (Tract.)
8vo. *Nashville?*, 1878.
- . The Report of the Committee of the American Association of 1876 on Biological Nomenclature. (Tract.) 8vo. *Salem*, 1878.
- . The Theromorphous Reptilia. (Tract.) 8vo. *Salem*, 1878.
- . The Vertebrae of *Rachitomus*. (Tract.) 8vo. *Salem*, 1878.
- . See SURVEYS: UNITED STATES.
- Copland** (John). Notice sur la Mine de Cornaline de Barotch, entre Bombay et Brouda; extrait communiqué par M. Michelin. (Tract.)
8vo. *Paris*, 1856.
- Copper Mines.** See REPORTS, PARLIAMENTARY.
- Copper Smelting.** Proceedings of the Subscribers to the Fund for obviating the inconvenience arising from the Smoke produced by Smelting Copper Ores, etc. (Tract.) 2 copies. 8vo. *Swansea*, 1823.
- Coquand** (H.). Traité des Roches. 8vo. *Paris, etc.*, 1857.
- . Description physique, géologique, paléontologique et minéralogique du département de la Charente. Vol. I. 8vo. *Besançon*, 1858.
- . Géologie et Paléontologie de la région sud de la province de Constantine. 8vo; Atlas, 4to. *Marseilles*, 1862.
- . Monographie de l'étage Aptien de l'Espagne.
8vo. *Marseilles*, 1865.
- . De l'âge et de la position des marbres blancs statuariers des Pyrénées et des Alpes Apuennes en Toscane. (Tract.)
4to. *Paris*, 1874.
- . Histoire des terrains stratifiés de l'Italie centrale se référant aux périodes primaire, paléozoïque, triasique, rhétienne et jurassique. 2 parts. (Tracts.) 8vo. *Paris*, 1875.
- . Note sur les calcaires coralliens à *Terebratula repelliniana* de la Basse-Provence et du Languedoc. (Tract.) 8vo. *Paris*, 1876.
- . Sur l'âge de la *Terebratula janitor*. (Tract.) 8vo. *Paris*, 1877.
- . Description des terrains à Pétrole et à Ozokérite du versant septentrional du Caucase. (Tract.) 8vo. *Paris*, 1878.
- . Note sur quelques points de la Géologie de l'arrondissement de Corte et sur les ressemblances qui rattachent cette partie de la bande occidentale de la Toscane. (Tract.) 8vo. *Paris*, 1879.
- Coquebert** (—). On Examining the bottom of the Sea. (Tract.) MS.
- Coquebert de Montbret** (Charles-Etienne), Baron. Biographical Notice. See LAMATHIÈRE (Théodore).
- Coral Islands.** [A Review of 'The Structure and Distribution of Coral Reefs,' by C. Darwin.] (Tract.) 8vo. *Edinburgh*, 1842.
- Corbaux** (Fanny). On the Comparative Physical Geography of the Arabian Frontier of Egypt, at the earliest epoch of the Egyptian history, and at the present time. (Tract.)
8vo. *Edinburgh*, no date.

- Corda** (August Joseph C.). Beiträge zur Flora der Vorwelt. 4to. *Prague*, 1845.
- . See **HAWLE** (Ignaz).
- Cordeiro** (A. X. R.). A' memoria do Excellentissimo senhor Agostinho José Pinto de Almeida. (Tract.) 4to. *Coimbra*, 1848.
- Cordella** (A.). La Grèce sous le rapport géologique et minéralogique. (Tract.) 8vo. *Paris*, 1878.
- Corden** (George). The Meteorology of Croydon. (Tract.) 8vo. *Croydon*, 1878.
- Cordier** (J.). De la Navigation intérieure du Département du Nord, et particulièrement des Travaux du Port de Dunkerque. Tom. II. 4to. *Paris*, 1828.
- Cordier** (Pierre Louis Antoine). Biographical Notice. See **JAUBERT**, *Comte*.
- . Mémoire sur la Montagne de Sel Gemme de Cardonne en Espagne. (Tract.) 4to. *Paris*, 1816.
- . Mémoire sur les substances minérales dites *en masse*, qui entrent dans la composition des roches volcaniques. (Tract.) 2 copies. 4to. *Paris*, 1816.
- . Essai sur la température de l'intérieur de la Terre. (Tract.) 4to. *Paris*, 1827.
- . Catalogue [à vente] de Livres et d'une belle collection des cartes géologiques provenant de sa bibliothèque, précédé d'une notice sur la vie et les travaux de M. Cordier. (Tract.) 8vo. *Paris*, 1861.
- . See **JAUBERT**, *Comte*, and **RAULIN** (Victor).
- Cornalia** (Emilio). Notizie Zoologiche sul *Pachypleura Edwardsii*. (Tract.) 4to. *Milan*, 1854.
- Cornet** (F. L.) and **Briart** (A.). Note sur la découverte dans le Hainaut d'un Calcaire Grossier avec faune tertiaire. Avec rapports de M. Dewalque et M. d'Omalius. (Tract.) 8vo. *Brussels*, 1865.
- . Notice sur l'extension du Calcaire Grossier de Mons dans la vallée de la Haine. (Tract.) 8vo. *Brussels*, 1866.
- . Sur la division de l'étage de la craie blanche du Hainaut en quatre assises. (Tract.) 4to. *Brussels*, 1868.
- . Notice sur les dépôts qui recouvrent le calcaire carbonifère à Soignies. (Tract.) 8vo. *Brussels*, 1869.
- . See **BRIART** (A.).
- Cornwall**. Prospectus for a School of Mines in Cornwall. (Tract.) 4to. *London*, 1825.
- Corsi** (Faustino). Delle pietre antichi. Libri quattro. 8vo. *Rome*, 1828.
- Cort** (R.). See **MORRIS** (George).
- Cortesi** (Giuseppe). Saggi geologici degli stati di Parma e Piacenza. 4to. *Placentia*, 1819.
- Cossa** (Alfonso). Sulla determinazione delle formole mineralogiche di alcuni carbonati romboedrici misti. (Tract.) 4to. *Turin*, 1869.
- . Sulla diorite quarzifera porfiroide di Cossato nel Bielese. (Tract.) 4to. *Rome*, 1876.
- . Sulla predazzite periclasifera del Monte Somma. (Tract.) 4to. *Rome*, 1876.
- . Sulla Molibdenide del Biellese. (Tract.) 4to. *Rome*, 1877.

- Cossa** (Alfonso). *Ricerche chimiche su minerali e roccie dell' Isola di Vulcano.* (Tract.) 4to. *Rome*, 1878.
- . *Sulla diabase peridotifera di Mosso nel Biellese.* (Tract.) 4to. *Rome*, 1878.
- . *Sul serpentino di Verrayes in Valle de' Aosta.* (Tract.) 4to. *Rome*, 1878.
- . *Sui cristalli microscopici di Rutilo contenuti in una eclogite di Val Tournanche.* (Tract.) 8vo. *Turin*, 1879.
- . *Sulla diffusione del Cerio, del Lantano e del Didimio.* (Tract.) 4to. *Rome*, 1879.
- . *Sulla composizione di alcuni serpentine della Toscana.* (Tract.) 4to. *Rome*, 1880.
- . *Sulla eufotide dell' Isola d'Elba.* (Tract.) 4to. *Rome*, 1880.
- Cossigny** (J. Charpentier de). See CHARPENTIER DE COSSIGNY (J.).
- Cossio** (Eloy de). See ANCIOLA (Antonio L.).
- Costa** (Emanuel Mendes da). See CRONSTEDT (Axel Fredric).
- Cotta** (Bernhard von). *Die Dendrolithen in Beziehung auf ihren inneren Bau.* (Tract.) 4to. *Dresden and Leipzig*, 1832.
- . *Geognostische Wanderungen. I.* 8vo. *Dresden and Leipzig*, 1836.
- . ——. *II. Die Lagerungsverhältnisse an der Grenze zwischen Granit und Quader-Sandstein bei Meissen, Hohnstein, Zittau, und Liebenau.* (Tract.) 8vo. *Dresden and Leipzig*, 1838.
- . *Leitfaden und Vademecum der Geognosie als dritte Auflage des Grundrisses der Geognosie und Geologie.* 8vo. *Dresden and Leipzig*, 1849.
- . *Der innere Bau der Gebirge.* 8vo. *Freiberg*, 1851.
- . *Erzgangbildung in der Sohle eines Flammofens der königl. Muldner Schmelzhütte bei Freiberg.* (Tract.) 8vo. *Freiberg*, 1851.
- . *Die Gesteinslehre.* 8vo. *Freiberg*, 1855.
- . *Rocks classified and described. A treatise on Lithology. Translated by Philip Henry Lawrence.* 8vo. *London*, 1866.
- . *A Treatise on Ore Deposits. Translated from the second German edition by Frederick Prime.* 8vo. *New York*, 1870.
- . *Der Altai. Sein geologischer Bau und seine Erzlagerstätten.* 8vo. *Leipzig*, 1871.
- . *The Development-Law of the Earth. Translated by R. R. Noel.* 8vo. *London*, 1875.
- . *Beiträge zur Geschichte der Geologie. I. Abtheil. Geologisches Repertorium.* 8vo. *Leipzig*, 1877.
- . See FOURNET (J.).
- Cotteau** (Gustave). *Etudes sur les Echinides fossiles du département de l'Yonne. Vols. I.—II. [incomplete].* 8vo. *Paris*, 1849–76.
- . *Catalogue méthodique des Echinides recueillis dans l'étage Néocomien du département de l'Yonne.* (Tract.) 8vo. *Auxerre*, 1851.
- . *Etudes sur les Mollusques fossiles du département de l'Yonne. 1^{er} fascicule, comprenant l'Introduction et le Prodrome.* 8vo. *Paris*, 1853–57.
- . *Note sur les Echinides de l'étage Kimméridgien du département de l'Aube.* (Tract.) 8vo. *Paris*, 1854.

- Cotteau (Gustave).** Note sur quelques espèces de Mollusques terrestres et fluviatiles. (Tract.) 8vo. *Auxerre*, 1854.
- . Note sur un nouveau genre d'Echinide fossile, genre *Desorella*, Cott. (Tract.) 8vo. *Paris*, 1855.
- . Compte-rendu de la Session tenue par la Société Géologique de France, à Joinville, Haute-Marne.—Comparaison des terrains observés par la Société avec ceux du département de l'Yonne. (Tract.) 8vo. *Auxerre*, 1856.
- . Quelques oursins du département de la Sarthe. (Tract.) 8vo. *Paris*, 1856.
- . Echinides nouveaux ou peu connus. Articles I.-XIV. [part in duplicate]. 8vo. *Paris*, 1858-77.
- . Aperçu d'ensemble sur la Géologie et la Paléontologie du département de l'Yonne. (Tract.) 8vo. *Auxerre*, 1859.
- . Note sur le genre *Galeropygus*. (Tract.) 8vo. *Paris*, 1859.
- . Notice bibliographique [sur le] Synopsis des Echinides fossiles, par E. Désor. (Tract.) 2 copies. 8vo. *Paris*, 1859.
- . Notice géologique sur la formation des Grottes d'Arcy-sur-Cure. (Tract.) 8vo. *Auxerre*, 1859.
- . Rapport sur les progrès de la Géologie et de la Paléontologie en France pendant les années 1858-1869 [1861 and 1868 in duplicate]. 8vo. *Caen and Le Puy*, 1859-71.
- . Note sur le genre *Heterocidaris*, nouveau type de la famille des Cidaridées. (Tract.) 2 copies. 8vo. *Paris*, 1860.
- . Notice sur le genre *Metaporphinus* et la famille des Collyritides. (Tract.) 2 copies. 8vo. *Auxerre*, 1860.
- . Note sur les Echinides recueillis en Espagne par MM. de Verneuil, Triger et Collomb. (Tract.) 2 copies. 8vo. *Paris*, 1860.
- . Note sur la famille des Salénidées. (Tract.) 2 copies. 8vo. *Paris*, 1861.
- . Considérations stratigraphiques et paléontologiques sur les Echinides de l'étage Néocomien du département de l'Yonne. (Tract.) 8vo. *Paris*, 1863.
- . Echinides fossiles des Pyrénées. 2 copies. 8vo. *Paris*, 1863.
- . Compte-rendu des réunions des Sociétés savantes tenues à la Sorbonne les 30, 31 mars, 1 et 2 avril 1864. (Tract.) 8vo. *Auxerre*, 1864.
- . Note sur la provenance géologique des pierres qui ont servi à la construction primitive de l'Eglise de la Madeleine à Vézelay. (Tract.) 8vo. *Auxerre*, 1864.
- . Note sur les Echinides des couches nummulitiques de Biarritz. (Tract.) 8vo. *Paris*, 1864.
- . Notes sur les oursins crétacés des environs des Martigues. (Tract.) 8vo. *Paris*, 1864.
- . Rapport sur un gisement de bois de cerfs signalé par M. Ravin aux environs de Guerchy, Yonne. (Tract.) 8vo. *Auxerre*, 1864.
- . Une visite au Musée de Troyes. (Tract.) 8vo. *Troyes*, 1864.
- . Catalogue raisonné des Echinides fossiles du département de l'Aube. 8vo. *Troyes*, 1865.
- . Deux jours d'excursion dans le terrain jurassique des environs de Tonnerre, Yonne. (Tract.) 8vo. *Auxerre*, 1865.

- Cotteau (Gustave).** Note sur le *Ptycholepis bollensis* des calcaires bitumineux de Vassy, Yonne. (Tract.) 8vo. Auxerre, 1865.
- . Rapport sur de nouvelles fouilles exécutées dans la Grotte des Fées, à Arcy-sur-Cure, Yonne. (Tract.) 8vo. Auxerre, 1865.
- . Rapport sur la collection de géologie offerte à la Société des Sciences de l'Yonne, par M. le Dr. Ricordeau. (Tract.) 8vo. Auxerre, 1866.
- . Rapport sur une excursion géologique dans les terrains tertiaires et quaternaires de l'Yonne et de la Côte-d'Or. (Tract.) 8vo. Auxerre, 1866.
- . Considérations générales sur les Echinides réguliers du terrain crétacé de France. (Tract.) 8vo. Bordeaux, 1867.
- . Fossiles Albiens et Cénomaniens des environs de Saint Florentin. (Tract.) 8vo. Auxerre, 1867.
- . Le Congrès international d'Anthropologie et d'Archéologie préhistoriques, tenu à Paris, au mois d'août, 1867. (Tract.) 8vo. Auxerre, 1867.
- . Note sur les Echinides crétacés décrits dans de le septième volume de la Paléontologie française. (Tract.) 8vo. Paris, 1867.
- . Rapport sur les Musées d'histoire naturelle de quelques-unes des villes du Sud-ouest de la France. (Tract.) 8vo. Caen, 1867.
- . Nouvelles observations sur le terrain jurassique des environs de Tonnerre. (Tract.) 8vo. Auxerre, 1868.
- . Description de quelques Echinides tertiaires des environs de Bordeaux. (Tract.) 8vo. Bordeaux, 1869.
- . Notice sur les Echinides fossiles recueillis par M. Louis Lartet en Syrie et en Idumée, pendant son voyage avec le duc de Luynes. (Tract.) 8vo. Paris, 1869.
- . Sur les Echinides fossiles recueillis par M. L. Lartet en Syrie, pendant son voyage avec le duc de Luynes. (Tract.) 4to. Paris, 1869.
- . Note sur les Echinides du terrain jurassique supérieur d'Algérie. (Tract.) 8vo. Paris, 1869.
- . Notes sur quelques Musées d'histoire naturelle de la Suisse et de l'Allemagne du Sud. (Tract.) 8vo. Auxerre, 1869.
- . Coup d'œil d'ensemble sur le Programme de la section des Sciences naturelles du Congrès Scientifique de Chartres. (Tract.) 8vo. Chartres.
- . Description de quelques espèces d'Echinides de Suède. (Tract.) 8vo. Paris, 1870.
- . Rapport sur 'Le Bassin Parisien aux âges antéhistoriques,' par M. Belgrand. (Tract.) 8vo. Auxerre, 1870.
- . Sur le genre *Asterostoma*, de la famille des Echinocorydées. (Tract.) 4to. Paris, 1870.
- . Sur les Oursins jurassiques de la Suisse. (Tract.) 8vo. Paris, 1872.
- . Sur le genre *Tetracidaris*. (Tract.) 8vo. Auxerre, 1873.
- . Congrès International d'Anthropologie et d'Archéologie préhistoriques : Session de Bruxelles. (Tract.) 8vo. Auxerre, 1874.
- . Congrès International d'Anthropologie et d'Archéologie préhistoriques : Session de Stockholm. (Tract.) 8vo. Auxerre, 1874.

- Cotteau (Gustave).** Note sur les Echinides irréguliers du terrain jurassique de France. (Tract.) 8vo. *Paris*, 1874.
- . Description des Echinides tertiaires des îles St.-Barthélemy et Anguilla. 4to. *Stockholm*, 1875.
- . La Société géologique de France à Chambéry, à Genève et à Chamounix. La Société helvétique à Andermatt. Session de 1875. (Tract.) 8vo. *Auxerre*, 1875.
- . Note sur les Echinides crétacés de la province du Hainaut. (Tract.) 8vo. *Paris*, 1875.
- . Echinodermes réguliers. From the 'Paléontologie Française.' 8vo. *Paris*, 1876.
- . Réunion des Délégués des Sociétés savantes à la Sorbonne. (Tract.) 8vo. *Auxerre*, 1876.
- . Congrès International d'Anthropologie et d'Archéologie préhistoriques. Session de Budapesth. (Tract.) 8vo. *Auxerre*, 1877.
- . Considérations générales sur les *Cidaris* du terrain jurassique de Normandie. (Tract.) 8vo. *Paris*, 1877.
- . L'exposition géologique et paléontologique du Havre. (Tract.) 8vo. *Paris*, 1877.
- . La Géologie au Congrès du Havre. (Tract.) 8vo. *Auxerre*, 1877.
- . Echinides tertiaires des îles Saint-Barthélemy et d'Anguilla. (Tract.) 8vo. *Paris*, 1877.
- . Description des Echinides du calcaire grossier de Mons. (Tract.) 4to. *Paris*, 1878.
- . Notice sur les Echinides de l'étage Sénonien du département de l'Yonne et leur répartition dans les différentes zones. (Tract.) 8vo. *Paris*, 1878.
- . Observations sur les Fossiles des terrains tertiaires moyens de la Corse et notamment sur les Echinides. (Tract.) 8vo. *Paris*, 1878.
- . Considérations sur les Echinides de l'étage Cénomaniens de l'Algérie. (Tract.) 4to. *Paris*, 1879.
- . Les sciences Anthropologiques à l'Exposition Universelle de 1878. (Tract.) 8vo. *Auxerre*, 1879.
- . Sur les Salénidées du terrain jurassique de la France. (Tract.) 4to. *Paris*, 1879.
- . See BARROIS (C.), LEYMERIE (A.), LOCARD (Arnould), ORBIGNY (Alcide d'), and VERNEUIL (Ed. de).
- , Péron (A.), and Gauthier (V.). Echinides fossiles de l'Algérie. Description des espèces déjà recueillies dans ce pays, et considérations sur leur position stratigraphique. Fascicules 1-6 (4 in duplicate). 8vo. *Paris*, 1876-80.
- and Triger (Jules). Echinides du département de la Sarthe, considérés au point de vue zoologique et stratigraphique. Text and Atlas. (Livraisons 1-8 (1861) in duplicate.) 8vo. *Paris*, 1855-69.
- Cotter (J. C. Berkeley).** Fosseis das bacias tertiarias marinas do Tejo, do Sado, e do Algarve. (Tract.) 8vo. *Lisbon*, 1879.
- Couch (Jonathan).** See PLINY.
- Coues (Elliott).** Precursory notes on American Insectivorous Mammals, with descriptions of new Species. (Tract.) 8vo. *Washington*, 1877.

- Coues** (Elliott). Birds of the Colorado Valley, a repository of scientific and popular information concerning North American Ornithology. (United States Geological Survey of the Territories, Miscellaneous Publications, No. 11.) 8vo. *Washington*, 1878.
- . See McCauley (C. A. H.), Sennett (George B.), and Surveys: UNITED STATES.
- and **Yarrow** (H. C.). Notes on the Herpetology of Dakota and Montana. (Tract.) 8vo. *Washington*, 1878.
- Coulter** (John M.). See Surveys: UNITED STATES.
- Courtillet** (A.). Éponges fossiles des sables du terrain crétacé supérieur des environs de Saumur. 8vo. *Angers*, 1861.
- . Les Nullipores de l'étage Sénonien. (Tract.) 8vo. *Paris*, 1862.
- Covelli** (N.). See Monticelli (Teodoro).
- Cowell** (S. H.). See Anastatic Printing.
- Cox** (E. T.). See Surveys: INDIANA.
- Coxe** (John Redman). Some observations on the subject of the Jalap plant. (Tract.) 8vo. *Philadelphia*, 1830.
- . See SERIALS, ETC.: PHILADELPHIA. Emporium of Arts and Sciences.
- Coxe** (W.). Observations faites dans les Pyrénées. Traduction par M. Ramond. 8vo. *Paris*, 1789.
- Coxworthy** (Franklin). The Potato Disease and Bad Ventilation: being a correspondence, etc. (Tract.) 8vo. *London*, 1847.
- Cozzens** (Issachar, jun.). A Geological History of Manhattan, or New York Island, together with a Map of the Island and a Suite of sections, tables, and columns, for the study of Geology, particularly adapted for the American student. 8vo. *New York*, 1843.
- Craig** (John). Further information connected with the Mineral Property belonging to the Corporation of Glasgow. (Tract.) 8vo. *Glasgow*, 1839.
- Craig** (John). See DICTIONARIES, ENGLISH.
- Cramer** (Charles). Etwas über die Natur-Wunder in Nord-America. (Tracts.) 8vo. *St. Petersburg*, 1837–40.
- Cramer** (Joseph Anton). Physische Briefe. 8vo. *Hanover*, 1793.
- Crane** (Agnes). On certain genera of living Fish and their fossil affinities. (Tract.) 2 copies. 8vo. *Brighton*, 1877.
- . The General History of the Cephalopoda, recent and fossil. (Tract.) 8vo. *London*, 1878.
- Craven** (Alfred E.). Observations sur l'*Helix ligulata*, Fér., de Madras. (Tract.) 8vo. *Brussels*, 1869.
- . Quelques observations sur le *Hyalæa tridentata*, Lamarck. (Tract.) 8vo. *Brussels*, 1873.
- Crawford** (James Coutts). On the Geology of the Port Nicholson District, New Zealand. (Tract.) 8vo. *London*, 1855.
- . Essay on the Geology of the North Island of New Zealand. (Tract.) 8vo. *Dunedin*, 1865.
- . Notes on Miramar Peninsula, Wellington Harbour. (Tract.) 8vo. *Wellington*, 1872.
- . Port Nicholson an ancient Freshwater Lake. (Tract.) 8vo. *Wellington*, 1873.
- . Did the Great Cook Strait River flow to the North-west or to the South-east? (Tract.) 8vo. *Wellington*, 1875.

- Crawford** (James Coutts). On the Old Lake-system of New Zealand, with some observations as to the formation of the Canterbury Plains. (Tract.) 8vo. *Wellington*, 1876.
- . See **REPORTS, COLONIAL**. New Zealand.
- Crawfurd** (John). China and its Trade. (Tract.) 8vo. *London*, 1858.
- . A few Notes on Sir Charles Lyell's 'Antiquity of Man,' and on Prof. Huxley's 'Evidence as to Man's place in Nature.' (Tract.) 2 copies. 8vo. *London*, 1863.
- Credner** (Carl Friedrich Heinrich). Nekrolog. (Tract.) 8vo. *Halle*, 1875.
- . Ueber die Gliederung der oberen Juraformation und der Wealden-Bildung im nordwestlichen Deutschland. (Tract.) 2 copies. 8vo. *Prague*, 1863.
- Credner** (Hermann). Versuch einer Bildungsgeschichte der geognostischen Verhältnisse des Thüringer-Waldes. 8vo. *Gotha*, 1855.
- . Die Gliederung der eoziischen (vorsilurischen) Formationsgruppe Nord-Amerikas. (Tract.) 2 copies. 8vo. *Halle*, 1869.
- . Die vorsilurischen Gebilde der oberen Halbinsel von Michigan in Nord-Amerika. (Tract.) 8vo. *Berlin*, 1869.
- . Elemente der Geologie. 8vo. *Leipzig*, 1872.
- . ———. 3rd edition. 8vo. *Leipzig*, 1876.
- . Die granitischen Gänge des sächsischen Granulitgebirges. (Tract.) 8vo. *Berlin*, 1875.
- . Das vogtlandisch-erzgebirgische Erdbeben vom 23. November 1875. (Tract.) 8vo. *Berlin*, 1876.
- . Die Küstenfacies des Diluviums in der sächsischen Lausitz. (Tract.) 8vo. *Berlin*, 1876.
- Creelman** (Samuel). See **REPORTS, COLONIAL**. Nova Scotia.
- Creswick** (Wilfred). See **COAL-MINES, EXPLOSIONS**.
- Cresy** (Edward). Report on a Preliminary inquiry into the Sewerage, Drainage, and Supply of Water, and the Sanitary condition of the inhabitants of the town and port of Hastings, in the County of Sussex. (Tract.) 8vo. *London*, 1850.
- Crichton** (Dr.). Extract of a letter from St. Petersburg. (Tract.) MS.
- Cristoforis** (Giuseppe de) and **Ian** (Giorgio). Cataloghi sistematici e descrittivi degli oggetti di Storia naturale esistenti nel loro museo. (Tract.) 8vo. *Milan*, 1832.
- Croft** (Herbert, *Bishop of Hereford*). Some Animadversions upon a Book intituled the Theory of the Earth. (Tract.) 8vo. *London*, 1685.
- Croft** (Thomas). The Self-propagating nature of Centrifugal Force as it affects our Earth and other portions of our Solar System. (Tract.) 2 copies. 8vo. *Pepeeti, Tahiti*, 1875.
- Croizet** (—) and **Jobert** (—). Recherches sur les ossemens fossiles du Département du Puy-de-Dôme. (Text and Atlas.) 4to. *Paris*, 1828.
- Croll** (James). On the Eccentricity of the Earth's Orbit. (Tracts.) 8vo. *London*, 1866–67.
- . On Geological Time, and the Probable Date of the Glacial and the Upper Miocene Period. (Tract.) 8vo. *London*, 1868.
- . On the Influence of the Gulf-stream. (Tract.) 2 copies. 8vo. *London*, 1869.

- Croll** (James). On the opinion that the Southern Hemisphere loses by Radiation more heat than the Northern, and the supposed influence that this has on Climate. (Tract.)
8vo. *London*, 1869.
- . On the Physical Cause of the Motion of Glaciers. (Tract.)
8vo. *London*, 1869.
- . On two River-channels buried under Drift, belonging to a period when the land stood several hundred feet higher than at present. (Tract.)
8vo. *Edinburgh*, 1870.
- . The Boulder-clay of Caithness, a product of Land-ice. (Tract.)
8vo. *London*, 1870.
- . The Cause of the Motion of Glaciers. (Tract.)
8vo. *London*, 1870.
- . On Ocean-currents.—Parts I.—III. (Tracts.) 2 copies of Parts I. & III.
8vo. *London*, 1870–71.
- . A Supplementary Letter. (Tract.) 8vo. *London*, 1874.
- . On the Mean Thickness of the Sedimentary Rocks of the Globe. (Tract.)
8vo. *London*, 1871.
- . On the Transport of the Wastdale Crag Blocks. (Tract.)
8vo. *London*, 1871.
- . What determines Molecular Motion?—The Fundamental Problem of Nature. (Tract.)
8vo. *London*, 1872.
- . Climate and Time in their geological relations.
8vo. *London*, 1875.
- . Mr. Hill on the cause of the Glacial Epoch. (Tract.)
8vo. *London*, 1880.
- Cronstedt** (Axel Fredric). An Essay towards a System of Mineralogy, translated from the Swedish, with notes, by Gustav von Engestrom. The whole revised by Emanuel Mendes da Costa.
8vo. *London*, 1770.
- Crosby** (W. O.). Report on the Geological Map of Massachusetts prepared by W. O. C. (Tract.)
8vo. *Boston*, 1876.
- Crosse** (H.). See **ANGAS** (George French).
- and **Fischer** (P.). Etude sur la mâchoire et l'armature linguale des Cyllindrellidæ, etc. (Tract.)
8vo. *Paris*, 1870.
- Crosskey** (Henry William). See **BRADY** (George Stewardson).
- Crüger** (Herman). On the Meteorology of Trinidad. With an Obituary Notice of the Author by Alexander Williams Anderson. (Tract.)
8vo. *Trinidad*, 1864.
- Cullen** (Edmund). See **BERGMAN** (Torbern).
- Cumberland** (George). Reliquiæ Conservatæ.
8vo. *Bristol*, 1826.
- . On the Black Rock at Bristol. (Tract.)
MS.
- Cumming** (J.). On the Application of Magnetism as a Measure of Electricity. (Tract.)
4to. *Cambridge*, 1821.
- . On the Connexion of Galvanism and Magnetism (Tract.).
4to. *Cambridge*, 1821.
- . On the Development of Electro-magnetism by Heat. (Tract.)
4to. *Cambridge*, 1823.
- Cumming** (Joseph George). The Isle of Man; its history, physical, ecclesiastical, civil, and legendary.
8vo. *London*, 1848.
- . A Guide to the Isle of Man.
8vo. *London*, 1861.

- Cunningham** (Robert James Hay). On the Geognosy of Sutherlandshire. 8vo. *Edinburgh*, 1839.
- . On the Geology of the Lothians. (Tract.) 8vo. *Edinburgh*, 1838.
- Cunnington** (William). On the Mammalian Drift of Wiltshire and its Fossil contents. (Tract.) 8vo. *Warminster*, 1856.
- Curioni** (Giulio). Cenni sui combustibili fossili del regno Lombardo-Veneto. (Tract.) 8vo. *Milan*, 1838.
- . Sui Terreni di Sedimento Inferiore dell' Italia settentrionale. (Tract.) 4to. *Milan*, 1845.
- . Cenni sopra un nuovo Saurio fossile dei Monti di Perledo, sul Lario, e sul terreno che lo racchiude. (Tract.) 8vo. *Milan*, 1847.
- . Rapporto sulla Carta Geognostica del Tirolo e del Vorarlberg. (Tract.) 4to. *Milan*, 1854.
- . Geologia applicata delle provincie Lombarde. 2 vols. 8vo; Map, 4to. *Milan, Naples, and Pisa*, 1877.
- Curr** (John). The Coal-viewer and Engine-builder's practical companion. 4to. *Sheffield*, 1797.
- Currey** (Frederick). See HOFMEISTER (William).
- Curtis** (J. H.). An Introductory Lecture, as delivered (1816) at the Royal Dispensary for the Diseases of the Ear, to a course on the Anatomy, Physiology, and Diseases of that organ, etc. (Tract.) 8vo. *London*, 1818.
- Cuvier** (Frédéric). Des dents de Mammifères, considérées comme caractères zoologiques. 8vo. *Strasburg and Paris*, 1825.
- . Catalogue des livres d'Histoire Naturelle (particulièrement de Zoologie), de Philosophie, etc., composant sa bibliothèque. (Tract.) 8vo. *Paris*, 1846.
- Cuvier** (Georges-Chrétien-Frédéric-Dagobert). Obituary Notice. See LAURILLARD (C. L.).
- . Leçons d'anatomie comparée. 5 vols. 8vo. *Paris*, 1805.
- . Recherches sur les ossemens fossiles de quadrupèdes. 4 vols. and plates. 4to. *Paris*, 1812.
- . ——. Nouvelle édition. 5 vols. 4to. *Paris*, 1821–24.
- . Observations et recherches critiques sur différens Poissons de la Méditerranée, et à leur occasion sur des Poissons d'autres mers plus ou moins liés avec eux. (Tract.) 4to. *Paris*, 1814.
- . Mémoire sur la composition de la mâchoire supérieure des Poissons, et sur le parti que l'on peut en tirer pour la distribution méthodique de ces animaux. (Tract.) 4to. *Paris*, 1815.
- . Mémoires pour servir à l'histoire et à l'anatomie des Mollusques. 4to. *Paris*, 1817.
- . Le règne animal distribué d'après son organisation. 4 vols. 8vo. *Paris*, 1817.
- . ——. Nouvelle édition. 5 vols. 8vo. *Paris*, 1829.
- . Essay on the Theory of the Earth. With mineralogical illustrations by Prof. Jameson. 4th edition. 8vo. *Edinburgh*, 1822.
- . Discours sur les révolutions de la surface du Globe. 4to. *Paris and Amsterdam*, 1826.
- . Rapport historique sur les progrès des Sciences naturelles depuis 1789, et sur leur état actuel. Nouvelle édition. 8vo. *Paris*, 1828.

- Cuvier** (Georges-Chrétien-Frédéric-Dagobert). A discourse on the revolutions of the surface of the Globe, translated from the French.
8vo. *London*, 1829.
- . See **DERHAM** (W.) and H . . . (J.).
- and **Brongniart** (Alexandre). Memoir on the Mineralogical Geography of the environs of Paris. With geological remarks and queries by Mr. J. Farey. (Tract.) 8vo. *London*, 1810.
- . Essai sur la géographie minéralogique des environs de Paris. 2 vols. 4to. *Paris*, 1811.
- . Description géologique des environs de Paris. 4to. *Paris*, 1822.
- Cyclopædia**. See **ENGLISH CYCLOPÆDIA**, **PENNY CYCLOPÆDIA**, and **REES'S CYCLOPÆDIA**.
- Czižek** (Johann). Erläuterungen zur geognostischen Karte der Umgebungen Wiens. 2 copies. 8vo. *Vienna*, 1849.
- Czyszkowski** (Stéphen). Coup d'œil général sur la nature et le gisement des minerais de fer en Algérie, et considérations générales sur les gisements métallifères. Algérie—Pyrénées—Corbière—Montagne Noire—Région de Huelva (Espagne)—Cévennes (zone d'Alais). 8vo. *Alais*, 1876.

D.

- D'Achiardi** (Antonio). See **ACHIARDI** (Antonio d').
- Da Costa** (Emanuel Mendes). See **CRONSTEDT** (A. F.).
- Da Costa de Macedo** (Joaquin José). Discursos lido em 15 de Maio de 1838, e em 22 de Janeiro de 1843 na sessão publica da Academia das Sciencias de Lisboa. (Tracts.) 8vo. *Lisbon*, 1838–43.
- Dahll** (Tellef). Om Finmarkens Geologie. (Tract.) 8vo. 1867.
- . See **FORBES** (David) and **KJERULF** (Theodor).
- Dakyns** (J. R.) On Silurian Erratics in Wharfedale. (Tract.) 8vo. *Leeds*, 1877.
- . See **SURVEYS: ENGLAND AND WALES**.
- Dalby** (Isaac). See **WILLIAMS** (Edward).
- Dale** (Samuel). The history and antiquities of Harwich and Dovercourt, topographical, dynastical, and political, first collected by Silas Taylor *alias* Domville. 8vo. *London*, 1730.
- Dale** (T. Nelson, jun.). A study of the Rhætic strata of the Val di Ledro, in the Southern Tyrol. (Tract.) 8vo. *Paterson, N. J.*, 1876.
- . The Harmony between Christian Faith and Physical Science. A chapter of Christian Philosophy. (Tract.) 8vo. *Paterson, N. J.*, 1876.
- Dalhunny** (—). See **SURVEYS: PORTUGAL**.
- Dalimier** (Paul Louis Marie). Obituary Notice. See **HÉBERT** (Ed.).
- Dall** (W. H.). Observations on the Geology of Alaska. 8vo. *New York*, 1865–68.
- . A revision of the Terebratulidæ and Lingulidæ, with remarks on and descriptions of some recent forms. 8vo. *Philadelphia*, 1870.
- . Catalogue of the recent species of the class Brachiopoda. (Tract.) 8vo. *Philadelphia*, 1874.

- Dall** (W. H.). Notes on some Tertiary Fossils from the California Coast, with a list of the species obtained from a Well at San Diego, California, with descriptions of two new species. (Tract.)
8vo. *San Francisco*, 1874.
- Dalla-Decima** (Angelo). Trattato di Geologia. 8vo. *Venice*, 1816.
- Dallas** (Robert Charles). See ORDINAIRE (Abbé).
- Dallas** (William Sweetland). See BRITISH MUSEUM, BÜCHNER (L.), and MÜLLER (Fritz).
- D'Alton** (E.). See ALTON (E. d').
- Dalton** (John). A new system of Chemical Philosophy. Vol. i. part 2, vol. ii. part 1. 8vo. *Manchester*, 1810–27.
- . 2nd edition (reprint), vol. i. part 1. 8vo. *London*, 1842.
- . Meteorological Observations and Essays. 8vo. *Manchester*, 1834.
- . On the microcosmic salt, acids, bases, and water, and a new and easy method of analysing sugar. 8vo. *Manchester*, 1840–42.
- Dalton** (W. H.). A brief sketch of the Geology of Colchester. (Tract.) 8vo. *Colchester*, 1875.
- . See SURVEYS: ENGLAND AND WALES.
- Damon** (Robert). Handbook to the Geology of Weymouth and the Island of Portland, with notes of the natural history of the coast and neighbourhood. 2 copies. 8vo. *London*, 1860.
- . Supplement to the Handbook to the Geology of Weymouth and the Isle of Portland, consisting of nine lithographic plates of fossils by C. R. Bone. 8vo. *London*, 1864.
- Dana** (Edward Salisbury). A Textbook of Mineralogy, with an extended treatise on crystallography and physical mineralogy; on the plan and with the co-operation of Professor James D. Dana. 8vo. *New York*, 1877.
- . See BRUSH (George J.).
- Dana** (James Dwight). On the analogies between the modern igneous rocks and the so-called primary formations, &c. (Tract.) 8vo. *New Haven*, 1843.
- . Notice of Dr. Blum's treatise on Pseudomorphous minerals; and observations on Pseudomorphism. (Tract.) 8vo. *New Haven*, 1845.
- . Origin of the constitution and adventitious minerals of Trap and the allied rocks. (Tract.) 8vo. *New Haven*, 1845.
- . Genera of Fossil Corals of the Family Cyathophyllidæ. (Abstract.) (Tract.) 8vo. *New Haven*, 1846.
- . On the Volcanoes of the Moon. (Tract.) 8vo. *New Haven*, 1846.
- . Structure and Classification of Zoophytes. 4to. *Philadelphia*, 1846.
- . Conspectus Crustaceorum, quæ in orbis terrarum circumnavigatione, lexit et descripsit J. D. DANA. (Tract.) 8vo. *Cambridge, Mass.*, 1847–49.
- . General review of the Geological effects of the Earth's cooling from a state of igneous fusion. (Tract.) 8vo. *New Haven*, 1847.
- . Geological results of the Earth's contraction in consequence of cooling. (Tract.) 8vo. *New Haven*, 1847.

- Dana** (James Dwight). On certain laws of Cohesive Attraction. (Tract.) 8vo. *New Haven*, 1847.
- . On the origin of Continents. (Tract.) 8vo. *New Haven*, 1847.
- . Origin of the grand outline features of the Earth. (Tract.) 8vo. *New Haven*, 1847.
- . On Zoophytes, No. III. (Tract.) 8vo. *New Haven*, 1847?
- . Geology, with a folio atlas of twenty-one plates, being the 10th vol. of the United States Exploring Expedition during the years 1838, 1839, 1840, 1841, 1842, under the command of Charles Wilkes. 4to. *Philadelphia*, 1849.
- . Notes on Upper California. (Tract.) 8vo. *New Haven*, 1849.
- . Review of Chambers's Ancient Sea-margins, with observations on the study of terraces. (Tract.) 8vo. *New Haven*, 1849.
- . Synopsis of the genera of Gammaracea. (Tract.) 8vo. *New Haven*, 1849.
- . Mineralogical Notices.—No. IV. From the American Journal of Science and Arts. (Tract.) 8vo. *New Haven*, 1852.
- . Note on the eruption of Mauna Loa. (Tract.) 2 copies. 8vo. *New Haven*, 1852.
- . On lettering figures of Crystals. (Tract.) 8vo. *New Haven*, 1852.
- . On the classification and geographical distribution of Crustacea. 4to. *Philadelphia*, 1853.
- . Address before the American Association for the Advancement of Science, August 1855. (Tract.) 8vo. *Cambridge, Mass.*, 1855.
- . A system of Mineralogy. With Supplements. 8vo. *London*, 1855.
- . ——. Second supplement. (Tract.) 8vo. *New Haven*, 1856.
- . ——. Sixth Supplement. (Tract.) 8vo. *New Haven*, 1858.
- . On American Geological History. (Tract.) 8vo. *New Haven*, 1856.
- . On volcanic action at Mauna Loa. (Tract.) 8vo. *New Haven*, 1856.
- . Science and the Bible. A review of 'The Six Days of Creation' of Prof. Tayler Lewis. (Tract.) 8vo. *New Haven*, 1856.
- . Notes on the Currents of the Ocean. (Tract.) 8vo. *New Haven*, 1858.
- . Review of Marcou's 'Geology of North America.' (Tract.) 8vo. *New Haven*, 1858.
- . Manual of Geology; treating of the principles of the science with special reference to American Geological History. 8vo. *Philadelphia*, 1863.
- . ——. 2nd edition. 8vo. *New York*, 1874.
- . On Cephalization, and on *Megasthenes* and *Microsthenes* in Classification. (Tract.) 8vo. *Philadelphia*, 1863.
- . The Classification of Animals based on the principle of Cephalization.—Nos. 1–3. (Tracts.) 8vo. *Philadelphia*, 1863–64.
- . On Cephalization.—Part V. Cephalization, a fundamental principle in the development of the system of Animal Life. (Tract.) 8vo. *New Haven*, 1876.

- Dana** (James Dwight). On parallel relations of the classes of Vertebrates, and on some characteristics of the Reptilian Birds. (Tract.) 8vo. *Philadelphia*, 1863.
- . On the existence of a Mohawk-valley Glacier in the Glacial Epoch. (Tract.) 8vo. *New Haven*, 1863.
- . Note on the position of Amphibians among the classes of Vertebrates. (Tract.) 8vo. *Philadelphia*, 1864.
- . On the higher subdivisions in the classification of Mammals. (Tract.) 8vo. *Philadelphia*, 1864.
- . Textbook of Geology. 8vo. *Philadelphia*, 1864.
- . On the Connecticut River-valley Glacier, and other examples of glacier-movement along the valleys of New England. (Tract.) 8vo. *New Haven*, 1871.
- . On the Geology of the New Haven region, with special reference to the origin of some of its topographical features. (Tract.) 8vo. *New Haven*, 1871-73.
- . On the position and height of the elevated plateau in which the glacier of New England, in the Glacial era, had its origin. (Tract.) 8vo. *New Haven*, 1871.
- . On the supposed legs of the Trilobite, *Asaphus platycephalus*. (Tract.) 8vo. *New Haven*, 1871.
- . Corals and Coral Islands. 8vo. *New York*, 1872.
- . Green Mountain Geology. On the Quartzite. (Tract.) 8vo. *New Haven*, 1872.
- . Notice of the Address of T. Sterry Hunt before the American Association at Indianapolis. (Tract.) 2 copies. 8vo. *New Haven*, 1872.
- . On some results of the Earth's contraction from cooling, including a discussion of the Origin of Mountains, and the nature of the Earth's interior. (Tract.) 8vo. *New Haven*, 1873.
- . On the Glacial and Champlain Eras in New England. (Tract.) 8vo. *New Haven*, 1873.
- . Notes on some of the phenomena of the Glacial Era and their origin, in book notices. (Tract.) 8vo. *New Haven*, 1875.
- . Notice of the Chemical and Geological Essays of T. Sterry Hunt, with corrections of some of *their* misrepresentations. (Tract.) 8vo. *New Haven*, 1875.
- . On Dr. Koch's evidence with regard to the contemporaneity of Man and the Mastodon in Missouri. (Tract.) 8vo. *New Haven*, 1875.
- . On Southern New England during the melting of the Great Glacier. (Tract.) 2 copies. 8vo. *New Haven*, 1875.
- . Note on the "Chloritic Formation" on the western border of the New Haven region. (Tract.) 8vo. *New Haven*, 1876.
- . On the damming of streams by drift-ice during the melting of the Great Glacier. (Tract.) 8vo. *New Haven*, 1876.
- . An account of the discoveries in Vermont Geology of the Rev. Augustus Wing. (Tract.) 8vo. *New Haven*, 1877.
- . On the relations of the Geology of Vermont to that of Berkshire. (Tract.) 8vo. *New Haven*, 1877.

- Dana** (James Dwight). On some points in Lithology.—I. On some of the characters employed in distinguishing different kinds of rocks. (Tract.) 8vo. *New Haven*, 1878.
- . See **DANA** (Edward Salisbury), **SCACCHI** (Archangelo), and **VARLEY** (D.).
- and **Brush** (George Jarvis). A system of Mineralogy. Descriptive Mineralogy, comprising the most recent discoveries. 5th edition. 8vo. *New York*, 1868.
- Dana** (James Freeman) and **Dana** (Samuel L.). Outlines of the Mineralogy and Geology of Boston and its vicinity. 8vo. *Boston*, 1818.
- Danby** (T. W.). See **FUCHS** (C. W. C.).
- Daniell** (Raymond S.). See **DURNFORD** (James Cæsar).
- Danube**. Commission Européenne. Mémoire sur les travaux d'amélioration exécutés aux embouchures du Danube. 4to. *Galatz*, 1867.
- . Commission Européenne. Plans comparatifs de l'embouchure et de différentes sections fluviales du bras de Soulina. Fol. *Leipzig*, 1867.
- . Commission Européenne. Mémoire sur l'achèvement des travaux d'amélioration exécutés aux embouchures du Danube. 4to. *Leipzig*, 1873.
- . Commission Européenne. Cartes du delta du Danube et plans comparatifs de l'embouchure et de quelques sections fluviales du bras de Soulina. Fol. *Leipzig*, 1874.
- Darbes** (Francesco). Istoria dell' Incendio del Vesuvio accaduto nel mese di Maggio dell' anno MDCCXXXVII. Scritta per l'Accademia delle Scienze. 2nd edition. 8vo. *Naples*, 1740.
- Darbishire** (R. D.). On the genuineness of certain fossils from the Macclesfield Drift-beds. (Tract.) 8vo. *London*, 1865.
- . Notes on some superficial deposits at Great Orme's Head, &c.; and on Pholas holes at high levels, near Buxton. (Tract.) 8vo. *Manchester*, 1868.
- . Notes on marine shells found in stratified drift near Macclesfield. (Tract.) 8vo.
- Darby** (William). A geographical description of the State of Louisiana. 2 copies. 8vo. *Philadelphia*, 1816.
- D'Archiac** (A.). See **ARCHIAC** (A. d').
- Da-Rio** (Niccoló). Sopra la così detta *Masegna* de' Monti Euganei. (Tract.) 4to. *Verona*, 1810.
- . Orittologia Euganea. 2 copies. 4to. *Padua*, 1836.
- Darluc** (Michel). Histoire naturelle de la Provence. 3 vols. 8vo. *Avignon*, 1782-86.
- Darondeau** (—). Notice sur les erreurs des Compas dues aux attractions locales à bord des navires en bois et en fer. 8vo. *Paris*, 1858.
- Darwin** (Charles Robert). [Extracts from Letters addressed to Professor Henslow.] (Tract.) 2 copies. Privately printed. 8vo. *Cambridge*, 1835.
- . [Narrative of the Surveying Voyages of H.M.S.S. 'Adventure' and 'Beagle,' describing their examination of the Southern Shores of South America. Vol. III.] Journal and Remarks, 1832-1836. 8vo. *London*, 1839.

- Darwin** (Charles Robert). Observations on the Parallel Roads of Glen Roy, etc. (Tract.) 4to. *London*, 1839.
- . The structure and distribution of Coral reefs. 8vo. *London*, 1842.
- . ———. New edition. 8vo. *London*, 1874.
- . Geological observations on the Volcanic Islands visited during the voyage of H.M.S. 'Beagle,' together with some brief notices on the Geology of Australia and the Cape of Good Hope. Being the second part of the Geology of the Voyage of the 'Beagle.' 8vo. *London*, 1844.
- . Geological observations on South America. 2 copies. 8vo. *London*, 1846.
- . Geological observations. 2nd edition. 8vo. *London*, 1876.
- * * Includes the two preceding works.
- . A monograph of the Fossil Lepadidæ, or pedunculated Cirripedes of Great Britain. [Palæontographical Society.] 4to. *London*, 1851.
- . A monograph on the Fossil Balanidæ and Verrucidæ. [Palæontographical Society.] 4to. *London*, 1854.
- . A monograph of the subclass Cirripedia, with figures of all the species. 2 vols. [Ray Society.] 8vo. *London*, 1854.
- . On the Origin of Species by means of Natural Selection, or the preservation of favoured races in the struggle for life. 8vo. *London*, 1859.
- . ———. 4th edition. 8vo. *London*, 1866.
- . The Variation of Animals and Plants under Domestication. 2 vols. 8vo. *London*, 1868.
- . The Descent of Man, and selection in relation to Sex. 2 vols. 8vo. *London*, 1871.
- . Geology. [From the Admiralty Manual of Scientific Enquiry.] (Tract.) 8vo. *London*, 1849.
- . See BEAGLE EXPEDITION and KRAUSE (Ernst).
- Darwinian Theory.** See ANON. The Darwinian theory examined.
- Dathe** (E.). See SURVEYS: SAXONY.
- Daubeny** (Charles Giles Bridle). Obituary notice. See PHILLIPS (John).
- . A description of Active and Extinct Volcanos. 8vo. *London*, 1826.
- . ———. 2nd edition. 8vo. *London*, 1848.
- . On the Diluvial Theory, and on the Origin of the Valleys of Auvergne. (Tract.) 8vo. *Edinburgh*, 1831.
- . Remarks on Thermal Springs, and their connection with Volcanos. (Tract.) 8vo. *Edinburgh*, 1832.
- . Note on a Paper by Dr. John Davy, entitled, 'Notice on the Remains of the recent Volcano in the Mediterranean.' (Tract.) 4to. *London*, 1833.
- . Reply to Prof. Bischof's Objections to the Chemical Theory of Volcanos. (Tract.) 8vo. *Edinburgh*, 1833.
- . An Inaugural Lecture on the Study of Botany, read in the Library of the Botanic Garden, Oxford, 1834. (Tract.) 8vo. *Oxford*, 1834.

- Daubeny** (Charles Giles Bridle). On the Quantity and Quality of the Gases disengaged from the Thermal Spring which supplies the King's Bath in the City of Bath. (Tract.) 4to. *London*, 1834.
- . Narrative of an Excursion to the Lake Amsanctus and to Mount Vultur in Apulia in 1834. (Tract.) 8vo. *Oxford*, 1835.
- . Some account of the Eruption of Vesuvius which occurred in 1834. (Tract.) 4to. *London*, 1835.
- . Report on the present state of our Knowledge with respect to Mineral and Thermal Waters. (Tract.) 8vo. *London*, 1837.
- . Sketch of the Geology of North America. (Tract.) 2 copies. 8vo. *Oxford*, 1839.
- . Supplement to the Introduction to the Atomic Theory. (Tract.) 8vo. *London*, 1840.
- . Three Lectures on Agriculture. (Tract.) 8vo. *Oxford*, 1841.
- . Lecture on the Application of Science to Agriculture. (Tract.) 8vo. *London*, 1842.
- . On the Chemical Constituents of Crops. (Tract.) 8vo. *London*, 1842.
- . On the Public Institutions for the Advancement of Agricultural Science which exist in other countries, etc. (Tract.) 8vo. *London*, 1842.
- . Sketch of the Writings and Philosophical Character of Augustine Pyramus DeCandolle. (Tract.) 8vo. *Edinburgh*, 1843.
- . On Institutions for the better Education of the Farming Classes, etc. (Tract.) 8vo. *Oxford*, 1844.
- . Memoir on the Rotation of Crops, and on the quantity of Inorganic Matters abstracted from the soil by various plants under different circumstances. (Tract.) 4to. *London*, 1845.
- . On the Site of the Ancient City of the Aurunci, and on the Volcanic Phenomena which it exhibits. (Tract.) 2 copies. 8vo. *Oxford*, 1846.
- . Introduction to the Atomic Theory. 2nd edition. 8vo. *Oxford*, 1850.
- . On the Influence of Carbonic Acid Gas on the Health of Plants, etc. (Tract.) 8vo. *London*, 1850.
- . Address delivered at the Anniversary Meeting of the Chemical Society, March 1853. (Tract.) 8vo. *London*, 1853.
- . Can Physical Science obtain a home in an English University? (Tract.) 8vo. *Oxford*, 1853.
- . On the Produce obtained from Barley sown in Rocks of various ages. (Tract.) 8vo. *London*, 1855.
- . Address to the British Association for the Advancement of Science, 1856. (Tract.) 8vo. *London*, 1856.
- . Lectures on Roman Husbandry delivered before the University of Oxford. 8vo. *Oxford*, 1857.
- . On the Elevation Theory of Volcanoes, in reply to a Paper of Mr. Poulett Scrope. (Tract.) 8vo. *Edinburgh*, 1860.
- . Catalogue of [his] Philosophical Apparatus, Minerals, Geological Specimens, &c. (Tract.) 4to. *Oxford*, 1861.
- . Remarks on the Recent Eruption of Vesuvius in December 1861. (Tract.) 8vo. *London*, 1862.

- Daubeny** (Charles Giles Bridle). *Christianity and Rationalism in their relations to Natural Science.* (Tract.) 8vo. *Oxford and London*, 1867.
- . *Miscellanies : being a collection of Memoirs and Essays on Scientific and Literary Subjects, published at various times.* 2 vols. 8vo. *Oxford and London*, 1867.
- . *Hints for Enquiry, suggested by a Recent Tour in Scandinavia.* (Tract.) 8vo. *Oxford*, no date.
- . *On the importance of the Study of Chemistry as a Branch of Education for all Classes.* (Tract.) 8vo. *London*, 1855.
- . *Volcanic Geology, from the 'Encyclopædia Metropolitana.'* (Tract.) 4to. *London*, 1847.
- . *Specimen of a proposed Index to the Oxfordshire Flora.* (Tract.) 8vo., no date.
- . See **PHILLIPS** (John).
- Daubrée** (A.). *Mémoire sur le gisement, la constitution et l'origine des amas de minéral d'étain.* (Tract.) 8vo. *Paris*, 1841.
- . *Mémoire sur les dépôts métallifères de la Suède et de la Norvège.* (Tract.) 8vo. *Paris*, 1843.
- . *Note sur le phénomène erratique du nord de l'Europe, et sur les mouvements récents du sol scandinave.* (Tract.) 8vo. *Paris*, 1843.
- . *Mémoire sur la distribution de l'or dans la plaine du Rhin, etc.* (Tract.) 8vo. *Paris*, 1846.
- . *Recherches sur la formation journalière du minéral de fer des marais et des lacs.* (Tract.) 8vo. *Paris*, 1846.
- . *Recherches sur la production artificielle de quelques espèces minérales cristallines particulièrement de l'oxyde d'étain, de l'oxyde de titane et du quartz. Observations sur l'origine des filons titanifères des Alpes.* (Tract.) 2 copies. 8vo. *Paris*, 1849.
- . *Mémoire sur le gisement du bitume, du lignite et du sel dans le terrain tertiaire des environs de Bechelbronn et de Lobsann, Bas-Rhin.* (Tract.) 8vo. *Paris*, 1849.
- . *Notice sur les filons de fer de la région méridionale des Vosges, et sur la corrélation des gîtes métallifères des Vosges et de la Forêt-Noire.* (Tract.) 4to. *Strasbourg*, 1850.
- . *Observations sur les alluvions anciennes et modernes d'une partie du bassin du Rhin.* (Tract.) 4to. *Strasbourg*, 1850.
- . *Expériences sur la production artificielle de l'apatite, de la topaze et de quelques autres minéraux fluorifères.* (Tract.) 8vo. *Paris*, 1851.
- . *Description géologique et minéralogique du département du Bas-Rhin.* 2 copies. 8vo. *Strasbourg*, 1852.
- . *Découverte de traces de pattes quadrupèdes dans le grès bigarré de Saint-Valbert, près Luxeuil (Haute-Saône).* (Tract.) 4to. *Paris*, 1858.
- . *Observations sur le métamorphisme et recherches expérimentales sur quelques-uns des agents qui ont pu le produire.* (Tract.) 8vo. *Paris*, 1858.
- . *Recherches expérimentales sur le striage des roches dû au phénomène erratique, sur la formation des galets, des sables et du limon,*

et sur les décompositions chimiques produites par les agents mécaniques. (Tract.) 8vo. *Paris*, 1858.

Daubrée (A.). Mémoire sur la relation des sources thermales de Plombières avec les filons métallifères, et sur la formation contemporaine des zéolithes. (Tracts.) 8vo. *Paris*, 1858-59.

— Etudes et expériences synthétiques sur le métamorphisme et sur la formation des roches cristallines. 2 copies.

4to. *Paris*, 1860.

— Expériences sur la possibilité d'une infiltration capillaire au travers des matières poreuses, malgré une forte contre-pression de vapeur; applications possibles aux phénomènes géologiques. (Tract.) 2 copies. 8vo. *Paris*, 1861.

— Notice des Travaux. (Tract.) 2 copies. 8vo. *Paris*, 1861.

— Expériences synthétiques relatives aux météorites, etc. (Tract.) 8vo. *Paris*, 1866.

— Expériences synthétiques relatives aux météorites. (Tract.) 8vo. *Paris*, 1868.

— Classification adoptée pour la collection des roches du Muséum d'histoire naturelle de *Paris*. (Tract.) 2 copies. 8vo. *Paris*, 1867.

— Rapport sur les progrès de la Géologie expérimentale.

4to. *Paris*, 1867.

— Substances minérales. 8vo. *Paris*, 1867.

— Notice sur la découverte et la mise en exploitation de nouveaux gisements de chaux phosphatée. (Tract.) 8vo. *Paris*, 1868.

— Note sur le kaolin de La Lizolle et d'Echassières, département de l'Allier, et sur l'existence de minerai d'étain qui y a été exploité à une époque extrêmement reculée. (Tract.) 4to. *Paris*, 1869.

— Note sur l'existence de gisements de bauxite dans les départements de l'Hérault et de l'Ariège. (Tract.) 8vo. *Paris*, 1869.

— Examen des météorites d'Ovifak (Groënland), au point de vue du carbone et des sels solubles qu'ils renferment. (Tract.)

4to. *Paris*, 1872.

— Examen des roches avec fer natif, découvertes en 1870, par M. Nordenskiöld, au Groënland. (Tract.) 4to. *Paris*, 1872.

— Rapport sur un mémoire de M. Delesse, intitulé 'Etude des déformations subies par les terrains de la France.' (Tract.) 2 copies.

8vo. *Paris*, 1872.

— Discours ... prononcé aux funérailles de M. de Verneuil ... 1873. (Tract.)

4to. *Paris*, 1873.

— Association du platine natif à des roches à base de périclase, imitation artificielle du platine natif magnétipolaire. (Tract.)

8vo. *Paris*, 1876.

— Discours prononcé à l'Inauguration de la Statue de M. Elie de Beaumont, 1876. (Tract.)

4to. *Paris*, 1876.

— Expériences sur la schistosité des roches et sur les déformations des fossiles, corrélatives de ce phénomène: conséquences géologiques de ces expériences. (Tract.)

4to. *Paris*, 1876.

— Formation contemporaine de diverses espèces minérales cristallisées dans la source thermale de Bourbonne-les-Bains. (Tract.)

8vo. *Paris*, 1876.

— Recherches expérimentales sur les cassures qui traversent l'écorce

terrestre, particulièrement celles qui sont connues sous les noms de joints et de failles.—Expériences tendant à imiter des formes diverses de ploïements, contournements et ruptures que présente l'écorce terrestre.—Expériences relatives à la chaleur qui a pu se développer par les actions mécaniques dans l'intérieur des roches, etc. (Tracts.)

4to. *Paris*, 1878.

* * With title in manuscript :—Expériences sur les déformations et ruptures de l'écorce terrestre.

Daubrée (A.). Recherches expérimentales sur les cassures qui traversent l'écorce terrestre, particulièrement celles qui sont connues sous les noms de joints et de failles. (Tract.) 4to. *Paris*, 1878.

——. Etudes synthétiques de géologie expérimentale. Application de la méthode expérimentale à l'étude de divers phénomènes cosmologiques. 2 vols. 8vo. *Paris*, 1879.

——. Rapport sur un mémoire de M. Lawrence Smith, relatif au fer natif du Groënland et à la dolérite qui le renferme. (Tract.)

4to. *Paris*, 1879.

——. Séance publique annuelle des cinq Académies de l'Institut de France. Discours présidentiel. (Tract.) 4to. *Paris*, 1879.

——. (Tract.) 4to. *Paris*, 1880.

——. See DUFRENOY (—).

Daussey (P.). Table des Positions Géographiques des principaux lieux du Globe. (Tract.) 8vo. *Paris*, 1850.

—— See BEAUTEMPS BEAUPRÉ (C. F.).

Davey (E. C.). Papers contributed to the second volume of Transactions of the Newbury district Field Club. 8vo. *Wantage*, 1874.

——. Catalogue of Fossils from the Cretaceous beds of Berkshire. (Tract.) 8vo. *Wantage*, 1877.

Davidson (Thomas). Mémoire sur les Brachiopodes du système Silurien supérieur d'Angleterre; suivi d'observations sur quelque Brachiopodes de l'île de Gothland et sur des *Leptæna* à crochet perforé, par M. de Verneuil. (Tract.) 8vo. *Paris*, 1848.

——. Mémoire sur quelques Brachiopodes nouveaux ou peu connus. (Tract.) 8vo. *Paris*, 1850.

——. Notes on an Examination of Lamarck's species of Fossil *Terebratulæ*. (Tract.) 8vo. *London*, 1850.

——. On the Genus *Waltonia*. (Tract.) 8vo. *London*, 1850.

——. On the Internal Structure of *Terebratula pectunculoides*, Schl., *T. pulchella*, Nils., and *T. Deslongchampsii*, nob. (Tract.)

8vo. *London*, 1850.

——. British Fossil Brachiopoda. Vols. I. etc. (Palæontographical Society.) 4to. *London*, 1851, etc.

——. Descriptions of a few new recent species of Brachiopoda. (Tract.) 8vo. *London*, 1852.

——. Notes and Descriptions of a few Brachiopoda: including a monograph of the French Liassic Spirifers. (Tract.) 8vo. *London*, 1852.

——. Sketch of a Classification of Recent Brachiopoda; based upon Internal Organization. (Tract.) 8vo. *London*, 1852.

——. Sur la distribution géologique des Brachiopodes, vivants, tertiaires, crétacés et jurassiques, réunis jusqu'ici dans les Îles Britanniques. (Tract.) 8vo. *Paris*, 1854.

- Davidson** (Thomas). A few remarks on the Brachiopoda. (Tract.) 8vo. London, 1855.
- . Introduction à l'histoire naturelle des Brachiopodes vivants et fossiles, ou considérations générales sur la Classification de ces êtres en familles et en genres. Traduit par J. A. Eudes-Deslongchamps et Eugène Eudes-Deslongchamps. (Tract.) 4to. Caen, 1856.
- . Notes sur les genres *Athyris* (= *Spirigera*), *Camarophoria*, *Orthisina* et *Strophalosia*, des terrains permians d'Angleterre. (Tract.) 8vo, Caen, 1857.
- . Palæontological Notes on the Brachiopoda. (Tracts.) 8vo. London, 1858–59.
- . Mémoire sur les genres et les sous-genres des Brachiopodes munis d'appendices spiraux, et sur leurs espèces découvertes dans les couches carbonifères des Îles Britanniques, traduit et augmenté de notes par L. de Koninck. (Tract.) 2 copies. 8vo. Liège, 1859.
- . A Monograph of the Carboniferous Brachiopoda of Scotland. 8vo. London, 1860.
- . On Recent Terebratulæ. (Tract.) 8vo. London, 1861.
- . On the Recent and Tertiary Species of the Genus *Thecidium*. (Tract.) 8vo. London, 1864.
- . Notes on some Recent Brachiopoda dredged by the late Lucas Barrett off the north-east coast of Jamaica, and now forming part of the Collection of Mr. R. MacAndrew. (Tract.) 8vo. London, 1866.
- . Notes on Continental Geology and Palæontology. (Tract.) 8vo. London, 1869.
- . Notes on some Recent Mediterranean species of Brachiopoda. (Tract.) 8vo. London, 1869.
- . On Italian Tertiary Brachiopoda.—Parts I.–III. (Tracts.) 8vo. London, 1870.
- . Sur les Brachiopodes tertiaires de Belgique. Traduit de l'anglais par Th. Lefèvre. (Tract.) 2 copies. 8vo. Brussels, 1874.
- . Qu'est-ce qu'un Brachiopode? Mémoire inédit traduit de l'Anglais par Th. Lefèvre. (Tract.) 2 copies. 8vo. Brussels, 1875.
- . Brachiopoda. (Tract.) 4to. London, 1876.
- . Notice sur la vie et les travaux de Sir Charles Lyell, Bart. (Tract.) 8vo. Paris, 1876.
- . On the Brachiopoda of the Inferior Oolite of Bradford Abbas and its vicinity. With notes on the Fossil Beds of Bradford Abbas and its vicinity, by J. Buckman. (Tract.) 8vo. Sherborne, 1877.
- . What is a Brachiopod? (Tract.) 8vo. London, 1877.
- . The Silurian Brachiopoda of the Pentland Hills. (Tract.) 4to. Glasgow.
- . See ADAMS (Andrew Leith); JUDD (J. W.); SERIALS, ETC., EDINBURGH, Geological Society; KONINCK (L. de); and SUESS (Edouard).
- and Bouchard-Chantereaux (—). Note sur le *Magas pumilus*. (Tract.) 8vo. Paris, 1848.
- and Morris (John). Descriptions of some species of Brachiopoda. (Tract.) 8vo. London, 1847.

- Davies (D. C.).** A Treatise on Slate and Slate-quarrying: Scientific, Practical, and Commercial. 8vo. *London*, 1878.
- . A Treatise on Metalliferous Minerals and Mining. 8vo. *London*, 1880.
- Davies (J. Hamilton).** See SMITH (J. Pye).
- Davies (Richard).** Tables of Specific Gravities extracted from various authors, with Remarks upon the same. (Tract.) 4to. *London*, 1750.
- Davies (T. S.).** Catalogue of his valuable Mathematical and Scientific Library, etc. (Tract.) 8vo. *London*, 1851.
- Davila (P. F.).** Cataloguesystématiqueetraisonnédes curiosités de la Nature et de l'Art, qui composent son Cabinet. 3 vols. 8vo. *Paris*, 1767.
- Davis (James W.) and Lees (F. A.).** West Yorkshire: an Account of its Geology, Physical Geography, Climatology, and Botany. 8vo. *London*, 1878.
- Davis (Joseph Barnard).** The Neanderthal Skull. (Tract.) 8vo. *London*, 1864.
- Davreux (C. J.).** Essai sur la constitution géognostique de la province de Liège. (Tract.) 4to. *Brussels*, 1833.
- Davy (Sir Humphry).** A Discourse, introductory to a Course of Lectures on Chemistry. (Tract.) 8vo. *London*, 1802.
- . On the Analysis of Soils, as connected with their Improvement. (Tract.) 4to. *London*, 1805.
- . Electrochemical Researches on the Decomposition of the Earths, etc. (Tract.) 4to. *London*, 1808.
- . On some new Phenomena of Chemical Changes produced by Electricity, particularly the decomposition of the Fixed Alkalies, etc. (Tract.) 4to. *London*, 1808.
- . Researches on the Oxymuriatic Acid, its Nature and Combinations; and on the Elements of the Muriatic Acid. (Tract.) 4to. *London*, 1810.
- . On a combination of Oxymuriatic Gas and Oxygene Gas. (Tract.) 4to. *London*, 1811.
- . On some Combinations of Phosphorus and Sulphur, etc. (Tract.) 4to. *London*, 1812.
- . Some Experiments and Observations on the Substances produced in different Chemical processes on Fluor Spar. (Tract.) 4to. *London*, 1813.
- . Some further Observations on a new Detonating Substance. (Tract.) 4to. *London*, 1813.
- . On the Safety-lamp for Coal-miners; with some researches on flame. 8vo. *London*, 1818.
- . Six Discourses delivered before the Royal Society at their Anniversary Meetings, etc. (Tract.) 4to. *London*, 1827.
- . Charge brought against him by C. Babbage. See BABBAGE (Charles) and DAVY (John).
- Davy (John).** The West Indies before and since Slave Emancipation, comprising the Windward and Leeward Islands' military command. 8vo. *London*, 1854.
- . Did Sir Humphry Davy promise to nominate Mr. Babbage as the Secretary of the Royal Society in November, 1826? (Tract.) 8vo. *London*, 1865.

Davy (John). A Letter . . . addressed to the Editors of the 'Philosophical Magazine,' in continuation of a former one, and accompanied by documentary evidence contributed by Sir James South and B. Gompertz in reply to a certain charge made by C. Babbage against the late Sir H. Davy when President of the Royal Society. (Tract.)
8vo. London, 1865.

Dawkins (William Boyd). On a Romano-British Cemetery and a Roman Camp at Hardham, in West Sussex. (Tract.)
8vo. Sussex, 1863.

——. On the Caverns of Burrington Combe. (Tract.)
8vo. Taunton, 1864?

——. The History of the Wealden Iron-field. (Tract.)
8vo. London, 1868.

——. Cave-hunting: researches on the evidence of caves respecting the early inhabitants of Europe.
8vo. London, 1874.

——. Early Man in Britain and his place in the Tertiary period.
8vo. London, 1880.

—— and **Sanford** (W. Ayshford). The British Pleistocene Mammalia. (Palæontographical Society.)
4to. London, 1866, etc.

Dawson (George Mercer). Report on the Geology and resources of the Region in the vicinity of the Forty-ninth Parallel.
8vo. Montreal, 1875.

——. Note on some of the more recent changes in Level of the Coast of British Columbia and adjacent regions. (Tract.)
8vo. Montreal, 1877.

——. Travelling Notes on the Surface Geology of the Pacific Slope. (Tract.)
8vo. Montreal, 1878.

——. Notes on the Glaciation of British Columbia. (Tract.)
8vo. Montreal, 1879.

——. Pre-historic Man in France. (Tract.)
8vo.

——. See SURVEYS: CANADA.

Dawson (John William). Acadian Geology: an account of the Geological Structure and Mineral Resources of Nova Scotia.
8vo. Edinburgh, 1855.

——. ———. 3rd edition, with . . . supplement.
8vo. London, 1878.

——. On the varieties and mode of preservation of the Fossils known as *Sternbergiæ*. (Tract.)
8vo. Montreal, 1857.

——. On the Newer Pliocene and Post-Pliocene deposits of the vicinity of Montreal. (Tract.)
8vo. Montreal, 1858.

——. Additional Notes on the Post-Pliocene deposits of the St. Lawrence valley. (Tract.)
8vo. Montreal, 1859.

——. On the Microscopic Structure of some Canadian Limestones. (Tract.)
8vo. Montreal, 1859.

——. Archaia; or studies of the Cosmogony and Natural History of the Hebrew Scriptures.
8vo. Montreal, 1860.

——. Notes on the Earthquake of October, 1860. (Tract.)
8vo. Montreal, 1860.

——. On the Silurian and Devonian Rocks of Nova Scotia. (Tract.)
8vo. Montreal, 1860.

——. Notice of Tertiary Fossils from Labrador, Maine, &c., and

- Remarks on the Climate of Canada in the Newer Pliocene or Pleistocene Period. (Tract.) 8vo. *Montreal*, 1860.
- Dawson** (John William). Notes on the Geology of Murray Bay, Lower St. Lawrence. (Tract.) 8vo. *Montreal*, 1861.
- . On the Pre-Carboniferous Flora of New Brunswick, Maine, and Eastern Canada. (Tract.) 3 copies. 8vo. *Montreal*, 1861.
- . On the recent discoveries of Gold in Nova Scotia. (Tract.) 8vo. *Montreal*, 1861.
- . Alpine and Arctic Plants. (Tract.) 8vo. *Montreal*, 1862.
- . On the footprints of *Limulus* as compared with the Protichnites of the Potsdam Sandstone. (Tract.) 8vo. *Montreal*, 1862.
- . Zoological Classification; or Cœlenterata and Protozoa versus Radiata. (Tract.) 8vo. *Montreal*, 1862.
- . Air-Breathers of the Coal Period; a descriptive account of the remains of land animals found in the Coal-formation of Nova Scotia, etc. (Tract.) 8vo. *Montreal*, 1863.
- . Address [Presidential] to the Natural History Society of Montreal, 1864. (Tract.) 8vo. *Montreal*, 1864.
- . Elementary views of the Classification of Animals. (Tract.) 8vo. *Montreal*, 1864.
- . On the Fossils of the Genus *Rusophycus*. (Tract.) 8vo. *Montreal*, 1864.
- . Synopsis of the Flora of the Carboniferous Period in Nova Scotia. (Tract.) 8vo. *Montreal*, 1864.
- . Notes on Post-Pliocene deposits at Rivière-du-Loup and Tadoussac. (Tract.) 8vo. *Montreal*, 1865.
- . The evidence of Fossil Plants as to the Climate of the Post-Pliocene period in Canada. (Tract.) 8vo. *Montreal*, 1866.
- . Modern Ideas of Derivation. (Tract.) 8vo. *Montreal*, 1869.
- . Comparisons of the Icebergs of Belle-Isle with the Glaciers of Mont Blanc, with a reference to the Boulder-clay of Canada. (Tract.) 8vo. *Montreal*, 1868.
- . *Calamites* and *Calamodendron*. (Tract.) 8vo. *Montreal*, 1869.
- . The fossil plants of the Devonian and Upper Silurian formations of Canada. 8vo. *Montreal*, 1871.
- . Notes on the Post-Pliocene Geology of Canada. 2 copies. 8vo. *Montreal*, 1872.
- . Impressions and Footprints of Aquatic Animals and imitative markings on Carboniferous Rocks. (Tract.) 8vo. *New Haven*, 1873.
- . The Story of the Earth and Man. 8vo. *London*, 1873.
- . ——. 6th edition. 8vo. *London*, 1880.
- . Recollections of Sir Charles Lyell. (Tract.) 2 copies. 8vo. *Montreal*, 1875.
- . The Dawn of Life; being the history of the oldest known fossil remains. 8vo. *London*, 1875.
- . On a Recent Discovery of Carboniferous Batrachians in Nova Scotia. (Tract.) 8vo. *New Haven*, 1876.
- . The Origin of the World according to Revelation and Science. 8vo. *London*, 1877.
- . Lower Carboniferous Fishes of New Brunswick. (Tract.) 8vo. *Montreal*, 1878.

- Dawson** (John William). Notes on some Scottish Devonian Plants.
(Tract.) 8vo. *Montreal*, 1878.
- . The Earthquake of November 4, 1877. (Tract.)
8vo. *Montreal*, 1878.
- . Note on a Fossil Seal from the Leda Clay of the Ottawa Valley.
(Tract.) 8vo. *Montreal* 1877.
- . Möbius on *Eozoon canadense*. (Tract.) 2 copies.
8vo. *New Haven*, 1879.
- . Note on recent controversies respecting *Eozoon canadense*.
(Tract.) 8vo. *Montreal*, 1879?
- . Remarks on recent papers on the Geology of Nova Scotia.
(Tract.) 8vo. *Halifax, N. S.*, 1879.
- . The Quebec Group of Sir William Logan. (Tract.)
8vo. *Montreal*, 1879.
- . Fossil Men and their modern representatives.
8vo. *London*, 1880.
- . See SURVEYS: CANADA.
- and **Harrington** (B. J.). Report on the Geological Structure and
Mineral Resources of Prince Edward Island. (Tract.)
8vo. *Montreal*, 1871.
- Dawson** (Robert Kearsley). Report on Surveying; considered with
reference to New Zealand, and applicable to the Colonies generally.
(Tract.) Fol. *London*, 1840.
- Day** (St. John V.). See BRITISH ASSOCIATION: Glasgow. Guide Books.
- Deane** (G.). See SERIALS, ETC.: BIRMINGHAM. (Natural History and
Microscopical Society.)
- Deane** (James). Biographical Notice. See BOWDITCH (Henry I.).
- . Illustrations of Fossil Footprints of the Valley of the Connecticut.
(Tract.) 4to. *Philadelphia*, 1850.
- . Ichnographs from the Sandstone of Connecticut River. 2 copies.
4to. *Boston*, 1861.
- Debey** (Matthias Hubert). Uebersicht der urweltlichen Pflanzen des
Kreidegebirges überhaupt und der aachener Kreideschichten insbe-
sondere. (Tract.) 8vo. *Bonn*, 1848.
- . Ueber eine neue Gattung urweltlicher Coniferen aus dem Eisen-
sand der aachener Kreide. (Tract.) 8vo. *Bonn*, 1848.
- . Entwurf zu einer geognostisch-geogenetischen Darstellung der
Gegend von Aachen. (Tract.) 4to. *Aix-la-Chapelle*, 1849.
- and **Ettingshausen** (Constantin von). Die urweltlichen Thallo-
phyten des Kreidegebirges von Aachen und Maestricht.
4to. *Vienna*, 1859.
- Debray** (Henri). Communications diverses au sujet des Tourbières.
(Tract.) 8vo. *Lille*, 1878.
- De' Brignoli di Brunnhoff** (Giovanni). Dissertazione intorno alla Clorite
o Terra Verde di Verona. (Tract.) 8vo. *Modena*, 1819.
- De Candolle** (Alphonse). See CANDOLLE (Alphonse de).
- Dechen** (Heinrich von). Anzeige der geognostischen Karte von Deutsch-
land, England, Frankreich und den Nachbarländern. (Tract.)
8vo. *Berlin*, 1839.
- . Ueber das 1ste Heft der 'Gæa Norvegica' mit Anmerkungen von
B. M. Keilhau. (Tract.) 8vo. *Christiania*, 1840.

- Dechen** (Heinrich von). Ueber die Schichten im Liegenden des Steinkohlengebirges an der Ruhr. (Tract.) 8vo. *Bonn*, 1850.
- . Geognostische Beschreibung des Siebengebirges am Rhein. 8vo. *Bonn*, 1852.
- . Geognostische Uebersicht des Regierungs-Bezirks Arnsberg. (Tract.) 8vo. *Bonn*, 1855.
- . Geognostische Beschreibung der Vulkanreihe der Vorder-Eifel. 8vo. *Bonn*, 1861.
- . Geognostischer Führer in das Siebengebirge am Rhein. 8vo. *Bonn*, 1861.
- . Geognostischer Führer zu der Vulkanreihe der Vorder-Eifel. 12mo. *Bonn*, 1861.
- . Geognostischer Führer zu dem Laacher See. 12mo. *Bonn*, 1864.
- . Orographische und hydrographische Uebersicht der Rhein Provinz und der Provinz Westphalen. 8vo. *Bonn*, 1870.
- . Die nutzbaren Mineralien und Gebirgsarten im deutschen Reiche. 8vo. *Berlin*, 1873.
- . See DE LA BECHE (Henry T.), EXHIBITION OF 1862, and OEYNSHAUSEN (Karl von).
- Decimal System.** International Association for obtaining a uniform Decimal System. British Branch. First Report of the Council to the General Meeting, held February 26th, 1857. (Tract.) 8vo. *London*, 1857.
- . ———. Report on the Unit of Length, presented to the Second Annual Meeting. (Tract.) 8vo. *London*, 1858.
- . ———. See YATES (James).
- Decken** (Carl Claus von der). See VON DER DECKEN (Carl Claus).
- Defrance** (Jacques Louis Marin). Mémoire sur un nouveau genre de Mollusque. (Tract.) 2 copies. 4to. *Paris*, 1819.
- . Tableau des corps organisés fossiles, etc. (Tract.) 2 copies. 8vo. *Paris*, 1824.
- Degenhardt** (Charles). See BUCH (Leopold von).
- Degli Albizzi** (Ottavio). Elementi di Geologia e di Mineralogia, con la descrizione dei Terreni della Toscana. 8vo. *Florence*, 1851.
- Dejardin** (—). See NYST (P. H.).
- De Kay** (James E.). See NEW YORK. Natural History.
- De la Beche** (Sir Henry Thomas). Note on the Differences, either Original or consequent on Disturbance, which are observable in the Secondary Stratified Rocks. (Tract.) 8vo. *London*, 1829.
- . Notice on the Excavation of Valleys. (Tract.) 8vo. *London*, 1829.
- . Sketch of a Classification of the European Rocks. (Tract.) 8vo. *London*, 1829.
- . Geological Notes. 8vo. *London*, 1830.
- . Sections and views illustrative of Geological phenomena. 2 copies. 4to. *London*, 1830.
- . Geological Manual. 8vo. *London*, 1831.
- . ———. 2nd edition. 8vo. *London*, 1832.
- . Manuel Géologique. Traduit par A. J. M. Brochant de Villiers. 8vo. *Paris*, 1833.

- De la Beche** (*Sir Henry Thomas*). Handbuch der Geognosie. Bearbeitet von H. von Dechen. 8vo. *Berlin*, 1832.
- . A Geological Manual. 3rd edition. 8vo. *London*, 1833.
- . Researches in Theoretical Geology. 8vo. *London*, 1834.
- . How to Observe. Geology. 8vo. *London*, 1835.
- . ———. 2nd edition. 8vo. *London*, 1836.
- . Manuel géologique. 2^e édition. Traduction Française, revue et publiée par A. J. M. Brochant de Villiers. 8vo. *Brussels*, 1837.
- . Report on the Geology of Cornwall, Devon, and West Somerset. 2 copies. 8vo. *London*, 1839.
- . Inaugural Discourse at the opening of the School of Mines. 8vo. *London*, 1851.
- . Mining, Quarrying, and Metallurgical processes and products. (Tract.) 8vo. *London*, 1851.
- . The Geological Observer. 8vo. *London*, 1851.
- . ———. 2nd edition. 2 copies. 8vo. *London*, 1853.
- . Note on the Stigmara-beds of the South Staffordshire Coal-field. 8vo. *London*, 1853.
- . See BRONGNIART; REPORTS, PARLIAMENTARY, Building-stones; and SURVEYS, ENGLAND AND WALES and GREAT BRITAIN.
- De la Coudraye** (*Chevalier*). Théorie des Vents. (Tract.) 8vo. *Fontenay*, 1786.
- De la Fite** (*Henry*). See LUC (*J. A. de*).
- Delafosse** (*G.*). Nouveau cours de minéralogie. 8vo. *Paris*, 1858–60.
- . Rapport sur les progrès de la minéralogie. 4to. *Paris*, 1867.
- . See HAÛY (*R. J.*).
- Delaharpe** (*J.*). Notice sur la Géologie des environs de St. Gervais, Savoie. (Tract.) 8vo. *Lausanne*, 1856–57.
- Delaharpe** (*Philippe*). Examen de l'hypothèse de Mr. D. Sharpe sur l'existence d'une mer diluvienne baignant les Alpes. (Tract.) 8vo. *Lausanne*, 1856–57.
- . Quelques mots sur la Flore Tertiaire de l'Angleterre. (Tract.) 8vo. *Lausanne*, 1856.
- . See GAUDIN (*Charles Thomas*), PICTET (*F. J.*), and SURVEYS, ENGLAND AND WALES.
- Delaire** (*Alexis*). Le fond des mers. Études Lithologiques. Lithologie du fond des mers, par M. Delesse. (Tract.) 8vo. *Paris*, 1875.
- De la Marmora** (*Albert*). Observations géologiques sur les deux îles Baléares Majorque et Minorque. (Tract.) 2 copies. 4to, *Turin*, 1834.
- . Voyage en Sardaigne, ou description statistique, physique et politique de cette île, avec des recherches sur ses productions naturelles et ses antiquités. Troisième partie. Description géologique. 2 vols., and atlas in duplicate. 8vo; Atlas, fol. *Turin and Paris*, 1857.
- . Mémoire géologique sur l'île de Sardaigne. 1^{re} partie. (Tract.) 4to.
- . See COCCHI (*Igino*) and MENEGHINI (*G.*).
- Delamétherie** (*J. C.*). See LAMÉTHÉRIE (*J. C. de*).
- De la Palun** (—). See DU PONCEAU (*Peter S.*).
- Delarbre** (*Antoine*). Notice sur l'Ancien Royaume des Auvergnats et sur la ville de Clermont. 8vo. *Clermont*, 1805.

- De la Rive** (Auguste). Analyse de la partie du *Traité sur la Chaleur* de M. Poisson, qui se rapporte à la chaleur terrestre. (Tract.) 8vo. *Paris*, 1835.
- and **Marcet** (F.). Quelques observations de physique terrestre, faites à l'occasion de la perforation d'un puits artésien, et relatives principalement à la température de la terre à différentes profondeurs. (Tract.) 4to. *Geneva*, 1834.
- Delaunay** (Charles Eugène). Conjecture sur la cause de la chaleur centrale du Globe Terrestre. (Tract.) 8vo. *Tours*, 1840.
- Delaunay** (Louis). See **LAUNAY** (L. de).
- Delbos** (Joseph) and **Schlumberger** (Joseph Kœchlin-). Description géologique et minéralogique du département du Haut-Rhin. 2 vols. 8vo. *Mulhouse*, 1866-67.
- Delcros**, —. Notice sur les altitudes du Mont Blanc et du Mont Rose. (Tract.) 8vo. *Paris*, 1851.
- De la Vallée-Poussin** (—). See **DEWALQUE** (G.).
- Delesse** (Achille). Etude de quelques phénomènes présentés par les roches lorsqu'elles sont amenées à l'état de fusion, etc. (Tract.) 8vo. *Paris*, 1847.
- . Mémoires sur la constitution minéralogique et chimique des roches des Vosges. (Tracts, some in duplicate.) 8vo. *Besançon* and *Paris*, 1847, 1849, 1850, 1851, and 1853.
- . Note sur le Chrysotil des Vosges. (Tract.) 8vo. *Epinal*, 1847.
- . Recherches sur les verres provenant de la fusion des roches. (Tract.) 8vo. *Paris*, 1847.
- . Notice sur la constitution minéralogique et chimique du Mélaiphyre. (Tract.) 4to. *Geneva*, 1847.
- . Notice sur les caractères de l'arkose dans les Vosges. (Tract.) 8vo. *Geneva*, 1848.
- . Procédé mécanique pour déterminer la composition chimique des roches. (Tract.) 8vo. *Geneva*, 1848.
- . Sur le pouvoir magnétique des minéraux et des roches. (Tracts.) 8vo. *Paris*, 1848.
- . Mémoire sur la Protogine des Alpes. (Tract.) 8vo. *Paris*, 1849.
- . Observations sur la présence d'eau de combinaison dans les roches feldspathiques. (Tract.) 8vo. *Paris*, 1849.
- . Recherches sur le Porphyre quartzifère. (Tract.) 8vo. *Paris*, 1849.
- . Recherches sur l'Euphotide. (Tract.) 8vo. *Paris*, 1849.
- . Sur la Diorite orbiculaire de Corse. (Tract.) 8vo. *Paris*, 1849.
- . Sur le Porphyre amygdaloïde d'Oberstein. (Tract.) 8vo. *Paris*, 1849.
- . Sur le pouvoir magnétique des roches. (Tract.) 8vo. *Paris*, 1849.
- . Sur le pouvoir magnétique du fer et de ses produits métallurgiques. (Tract.) 8vo. *Paris*, 1849.
- . Sur la Variolite de la Durance. (Tract.) 8vo. *Paris*, 1850.
- . Sur le Porphyre de Lessines et de Quenast, Belgique. (Tract.) 8vo. *Paris*, 1850.
- . Sur la Syénite rose d'Egypte. (Tract.) 8vo. *Paris*, 1850.
- . Sur la Porphyre rouge antique. (Tract.) 8vo. *Paris*, 1850.

- Delesse** (Achille). Minéralogie. Extraits (des) Travaux de 1849-1850. (Tract.) 2 copies. 8vo. *Paris*, 1851.
- . 1851. (Tract.) 8vo. *Paris*, 1853.
- . Recherches sur l'association des minéraux dans les roches qui ont un pouvoir magnétique élevé. (Tract.) 8vo. *Paris*, 1851.
- . Recherches sur les roches globuleuses. (Tract.) 4to. *Paris*, 1851-52.
- . Sur les variations des roches granitiques. (Tract.) 8vo. *Paris*, 1852.
- . Untersuchungen über den rothen Porphyr der Alten und über den rothen egyptischen Syenit. Ins Deutsche übertragen von G. Leonhard. (Tract.) 8vo. *Stuttgart*, 1852.
- . De l'action des alcalis sur les roches. (Tract.) 8vo. *Paris*, 1853.
- . Notice sur les Rétinites de la Sardaigne. (Tract.) 8vo. *Paris*, 1853.
- . Sur la Pegmatite de l'Irlande. (Tract.) 8vo. *Paris*, 1853.
- . Sur le gisement et sur l'exploitation de l'or en Australie. (Tract.) 2 copies. 8vo. *Paris*, 1853.
- . Notice sur les mines de cuivre du Cap de Bonne-Espérance. (Tract.) 8vo. *Paris*, 1855.
- . Matériaux de construction de l'exposition universelle de 1855. 8vo. *Paris*, 1856.
- . Etudes sur le Métamorphisme. (Tract.) Incomplete. 8vo. *Paris*, 1857.
- . Etudes sur le Métamorphisme. [1^{re} partie, suite.] Roches granitiques. — 2^{me} partie. Métamorphisme de la roche eruptive. (Tracts.) 8vo. *Paris*, 1857-58.
- . Mémoire sur la Minette. (Tract.) 8vo. *Paris*, 1857.
- . Recherches sur l'origine des roches. (Tract.) 8vo. *Paris*, 1858.
- . Recherches sur les pseudomorphoses. (Tract.) 8vo. *Paris*, 1859.
- . Recherches sur l'origine des roches. (Tract.) 8vo. *Paris*, 1859.
- . Untersuchungen über die Entstehung der Gesteine. (Tract.) 8vo. *Berlin*, 1859.
- . Untersuchungen über die Pseudomorphosen. (Tract.) 8vo. *Berlin*, 1860.
- . Cartes géologique et hydrologique de la ville de Paris. (Tract.) 8vo. *Paris*, 1861.
- . De l'azote et des matières organiques dans l'écorce terrestre. 8vo. *Paris*, 1861.
- . Etudes sur le métamorphisme des roches. 4to. *Paris*, 1861.
- . Recherches sur l'eau dans l'intérieur de la terre. (Tract.) 8vo. *Paris*, 1861.
- . La mâchoire humaine de Moulin-Quignon. (Tract.) 8vo. *Paris*, 1863.
- . Extraits de Géologie pour les années 1862 et 1863. (Tract.) 8vo. *Paris*, 1864.
- . Recherches sur l'origine des roches. (Tract.) 8vo. *Paris*, 1865.
- . Distribution de la pluie en France. (Tract.) 8vo. *Paris*, 1868.
- . Etudes sur le métamorphisme des roches. 8vo. *Paris*, 1869.
- . Notice sur ses travaux scientifiques. (Tract.) 4to. *Paris*, 1869.

- Delesse** (Achille). *Lithologie der Meere der alten Welt.* (Tract.) 8vo. *Berlin*, 1870.
- . *Lithologie des mers de France et des mers principales du globe.* 8vo; *Atlas*, folio. *Paris*, 1871.
- . *Les oscillations des côtes de France.* (Tract.) 8vo. *Paris*, 1872.
- . *Carte agricole de la France.* (Tract.) 8vo. *Paris*, 1874.
- . *Sur les gisements de chaux phosphatée de l'Estrémadure.* (Tract.) 8vo. *Paris*, 1877.
- . *Cours d'Agriculture professé [à l'] École Nationale des Mines. Année 1877-78.* (Tract.) 8vo. *Paris*, 1878.
- . *Notice sur ses titres scientifiques.* (Tract.) 4to. *Paris*, 1878.
- . *Explosion d'acide carbonique dans une mine de houille.* (Tract.) 4to. *Paris*, 1879.
- . See **DAUBRÉE** (A.), *EXHIBITION OF 1862*, and **GARNIER** (Jules).
- , **Beaulieu** (—), et **Yvert** (—). *Rapport de l'inondation souterraine qui s'est produite dans les quartiers nord de Paris en 1856.* 4to. *Newilly*, 1861.
- and **Lapparent** (A. de). *Extraits de Géologie. 1^{re} partie. Paléontologie.* 8vo. *Paris*, 1866-68.
- ———. ——— pour les années 1865, 1876 et 1877. 8vo. *Paris*, 1865, 1878.
- , **Laugel** (A.), and **Lapparent** (A. de). *Revue de Géologie. Vols. I. etc.* (1860 and 1869 in duplicate.) 8vo. *Paris*, 1861 etc.
- Deleuze** (J. P. F.). *Histoire et description du Muséum Royal d'Histoire Naturelle.* 8vo. *Paris*, 1823.
- Delfortrie** (E.). *L'avenir du Port de Bordeaux, les passes de la Gironde, l'envasement de la Basse-Garonne.* (Tract.) 8vo. *Bordeaux*, 1871.
- . *Empiètement de la mer sur la plage d'Arcachon.* (Tract.) 8vo. *Paris*, 1874.
- . *Note supplémentaire sur l'affaissement des côtes de Gascogne.* (Tract.) 8vo. *Bordeaux*, 1874.
- . *Étude des phénomènes géologiques qui se produisent depuis des siècles, sans discontinuité, sur le littoral des départements de la Vendée et de la Charente-inférieure.* (Tract.) 8vo. *Bordeaux*, 1876.
- . *Nouveaux documents sur l'affaissement des côtes de Gascogne, etc.* (Tract.) 8vo. *Bordeaux*, 1876.
- Delgado** (J. F. N.). *Terrenos Paleozoicos de Portugal. Sobre a existencia do terreno siluriano no baixo Alemtejo.* 4to. *Lisbon*, 1876.
- . See **SURVEYS: PORTUGAL.**
- De Lisle** (J. B. L. Romé). See **ROMÉ DE L'ISLE** (J. B. L.).
- Delius** (Christoph Traugott). *Anleitung zu der Bergbaukunst nach ihrer Theorie und Ausübung, nebst einer Abhandlung von den Grundsätzen der Bergwerks-Kammeralwissenschaft.* 2 vols. 8vo. *Vienna*, 1806.
- Della Torre** (Giovanni Maria). *Storia e fenomeni del Vesuvio.* 2 copies. 4to. *Naples*, 1755.
- . *Incendio del Vesuvio accaduto li 19 d'Ottobre del 1767.* (Tract.) 2 copies. 4to. *Naples*, 1767.
- . *Storia e fenomeni del Vesuvio esposti dalla sua origine sino al 1767.* 4to. *Naples*, 1768.

- Della Torre** (Giovanni Maria). *Histoire et Phénomènes du Vésuve.* 8vo. *Naples*, 1771.
- De-los-Rios-Naceyro** (Francisco). *Catalogo de las Aves observadas en las cercanias de Santiago, y otros puntos de Galicia.* (Tract.) 4to.
- Del Rio** (Andrés Manuel). *Elementos de Orictognosia, ó del conocimiento de los fósiles, dispuestos segun los principios di A. G. Werner, para el uso del Real Seminario de Minería de México. la parte. Las Tierras, Piedras y Sales.* 4to. *Mexico*, 1795.
- De Luc** (J. A.). See **LUC** (J. A. de).
- Dembsher** (Francesco). *Della legittima distribuzione de' corpi minerali.* 4to. *Venice*, 1777.
- Demian** (J. A.). *Geographie und Statistik des Grosherzogthums Baden.* 8vo. *Heidelberg*, 1829.
- Demidoff** (Paul de). *Catalogue systématique des livres de la bibliothèque.* 3 vols. 4to. *Moscow*, 1806.
- Demole** (Isaac). See **HEER** (Oswald).
- De Morgan** (Augustus). *Contents of the Correspondence of Scientific Men of the Seventeenth Century, printed at the University Press, Oxford, in two volumes, octavo, 1841, under the superintendence of the late Professor Rigaud.* (Tract.) 2 copies. 8vo. *Oxford*, 1862.
- . See **RAMCHUNDRA**.
- Denham** (H. M.). See **ADMIRALTY**.
- Denis de Montfort** (Pierre). *Histoire naturelle, générale et particulière, des mollusques. Ouvrage faisant suite aux œuvres de Leclerc de Buffon et partie du cours complet d'Histoire naturelle rédigé par C. S. Sonnini. Continué par Félix de Roissy.* 8vo, *Paris*, 1805.
- . *Conchyliologie systématique, et classification méthodique des coquilles, etc.* 2 vols. 8vo. *Paris*, 1808–10.
- Dennis** (J. B. P.). *On the Microscopical Characters of certain so-called Cetacean Bones associated with Cetolites in the Detrital Bed of the Red Crag at Felixstow, Suffolk.* (Tract.) 8vo. *London*, 1857.
- . *The existence of Birds during the deposition of the Stonesfield Slate proved by a comparison of the Microscopic Structure of certain bones of that Formation with that of Recent Bones.* (Tract.) 8vo.
- Denny** (H.). *On the former existence of the Roebuck in the West Riding of Yorkshire.* (Tract.) 8vo. *Leeds*, 1863.
- . See **BRITISH MUSEUM**.
- Dent** (Edward J.). *A Treatise on the Aneroid, a newly invented portable Barometer.* (Tract.) 8vo. *London*, 1849.
- Denys de Montfort** (Pierre). See **DENIS DE MONTFORT** (Pierre).
- Deplanche** (E.). See **DESLONGCHAMPS** (Eugène Eudes-).
- De Rance** (Charles E.). *On the Glaciation of the North-west of England.* (Tract.) 8vo. *London*, 1871.
- . *On the two Glaciations of the Lake District.* (Tract.) 8vo. *London*, 1871.
- . *On the Surface Geology of the neighbourhood of Cross Fell, in Cumberland.* (Tract.) 8vo. *London*, 1873.
- . *On the Occurrence of Lead, Zinc, and Iron ores in some Rocks of Carboniferous Age in the North-west of England.* (Tract.) 8vo. *London*, 1873.

- De Rance** (Charles E.). First and Second Report of the Committee (of the British Association) for investigating the Circulation of the Underground Waters in the New Red Sandstone and Permian Formations of England, etc. (Tracts.) 8vo. *London*, 1875.
- . Known Facts and unknown Problems of Arctic Geology. (Tract.) 8vo. *London*, 1876.
- . On the Relative Age of some valleys in the north and south of England, and of the various and Post-glacial Deposits occurring in them. (Tract.) 8vo. *London*, 1876.
- . On the Variation in Thickness of the Coals and Measures of the Lancashire Coal-field. Part i. (Tract.) 8vo. *Manchester*, 1877.
- . The Secondary Rocks of England, as a source of Water-supply for towns and districts. (Tract.) 8vo. *Manchester*, 1878.
- . See SURVEYS: ENGLAND AND WALES.
- Derham** (William), **Smith** (J. E.), **Cuvier** (G.), and **Dupetit Thouars** (A.). Memorials of John Ray, consisting of his life; Biographical and Critical notices of his itineraries, etc. Edited by Edwin Lankester. (Ray Society.) 8vo. *London*, 1846.
- Descloizeaux** (Alfred). Observations physiques et géologiques sur les principaux geysirs d'Islande. (Tract.) 8vo. *Paris*, 1847.
- . Manuel de Minéralogie. Vols. i.—ii. 8vo. *Paris*, 1862–74.
- . Mémoire sur l'existence, les propriétés optiques et crystallographiques, et la composition chimique du Microcline, nouvelle espèce de Feldspath triclinaire à base de potasse, etc. (Tract.) 8vo. *Paris*, 1876.
- . See PISANI (F.).
- De Serres** (Marcel). See SERRES (Marcel de).
- Desguin** (Pierre). Etudes sur le Maroc. 8vo. *Anvers*, 1870.
- Deshayes** (G. P.). Description des coquilles fossiles des environs de Paris. 2 vols. 2 copies. 4to. *Paris*, 1824.
- . Description de coquilles caractéristiques des terrains. 8vo. *Paris*, 1831.
- . Description des animaux sans vertèbres découverts dans le bassin de Paris. 3 vols. text and 1 vol. Atlas. 4to. *Paris, London, and New York*, 1860.
- . Analyse du travail de M. Edouard Suess sur les Brachiopodes de la collection de Vienne. (Tract.) 8vo. *Paris*, 1861.
- . Distribution des Mollusques acéphales dans le bassin tertiaire de Paris. (Tract.) 8vo. *Paris*, 1861.
- . Catalogue des mollusques de île de la Réunion (Bourbon). 8vo. *Paris*, 1863.
- . Histoire de la conchyliologie. Muséum d'Histoire Naturelle de Paris. Zoologie . . . Leçon d'ouverture. (Tract.) 4to. *Paris*, 1873.
- . Coquilles fossiles de l'Algérie. See ALGERIA.
- . See VERNEUIL (E. de).
- Desjardins** (Julien). See SERIALS, etc. Mauritius. Société d'Histoire Naturelle.
- Deslongchamps** (Eugène Eudes-). Mémoire sur les genres *Leptæna* and *Thecidea* des terrains jurassiques du Calvados. (Tract.) 4to. *Caen*, 1853.

- Deslongchamps** (Eugène Eudes-). Sur quelques Brachiopodes nouveaux du Lias. (Tract.) 8vo. *Caen*, 1853.
- Sur un genre nouveau de Brachiopodes : suivi de la description de quelques espèces nouvelles de la Grande Oolithe et du Lias de Normandie. (Tract.) 8vo. *Caen*, 1855.
- Note sur deux nouvelles térébratules du Lias moyen de Précigné (Sarthe). (Tract.) 4to. *Caen*, 1856.
- Notes pour servir à la Géologie du Calvados. (Tract.) 8vo. *Caen*, 1856.
- Notes pour servir à la Géologie du Calvados. 2^e et 3^e Articles. (Tract.) 8vo. *Caen* and *Paris*, 1863.
- Description des couches du système Oolithique inférieur du Calvados, suivi d'un catalogue descriptif des Brachiopodes qu'elles renferment. (Tract.) 8vo. *Caen*, 1857.
- Catalogue des Cirrhipèdes, des Mollusques et des Rayonnés recueillis par M. E. Déplanche, pendant la campagne de l'avisé à vapeur le Rapide, années 1854, 1855, 1856. (Tract.) 8vo. *Caen*, 1859.
- Mémoire sur les Brachiopodes du Kelloway-Rock ou zone ferrugineuse du terrain Callovien dans le Nord-ouest de la France. (Tract.) 4to. *Caen*, 1859.
- Notes Paléontologiques. (Tract.) 8vo. *Caen*, 1859.
- Note sur les *Serresius galeatus*, Bonap., et sur le squelette de cet oiseau. (Tract.) 4to. *Caen*, 1859.
- Notes sur le terrain Callovien. (Tract.) 8vo. *Paris*, 1859.
- Observations concernant quelques Gastéropodes Fossiles des terrains Jurassiques.—Note sur le genre *Eucyclus*, nouvelle coupe établie pour quelques coquilles des terrains jurassiques. (Tract.) 8vo. *Caen*, 1860.
- Mémoire sur de nombreux ossements de Mammifères fossiles de la période géologique dit diluvienne, trouvés aux environs de Caen. 4to. *Caen*, 1861.
- Note sur la présence du genre *Phorus* dans le Dévonien supérieur du Boulonnais. (Tract.) 8vo. *Caen*, 1862.
- Note sur le développement du deltidium chez les Brachiopodes articulés. (Tract.) 8vo. *Paris*, 1862.
- Etudes critiques sur des Brachiopodes nouveaux ou peu connus. (3^{me} fascicule in duplicate.) (Tracts.) 8vo. *Caen*, 1863.
- Notes Paléontologiques. Vol. i. 2 copies. 8vo. *Caen* and *Paris*, 1863–69.
- Documents sur la Géologie de la Nouvelle-Calédonie, etc. (Tract.) 2 copies. 8vo. *Caen* and *Paris*, 1864.
- Etudes sur les étages jurassiques inférieurs de la Normandie. 4to. *Paris* and *Caen*, 1864.
- Recherches sur l'organisation du manteau chez les Brachiopodes articulés et principalement sur les spicules calcaires contenus dans son intérieur. (Tract.) 4to. *Paris* and *Caen*, 1864.
- Le Naturaliste. Discours prononcé à la séance solennelle de rentrée des facultés de Droit, des Sciences, des Lettres et de l'Ecole préparatoire de Médecine et de Pharmacie, 1866. (Tract.) 8vo. *Caen*, 1866.

- Deslongchamps** (Eugène Eudes-). Note sur la position des arrière-narines dans les fœtus de Caïman à museau de Brochet. (Tract.)
8vo. Caen, 1870.
- . Le Jura Normande. Etudes paléontologiques des divers niveaux jurassiques de la Normandie. Livr. i.-ii.
4to. Paris and Caen, 1877-78.
- . See HÉBERT (Ed.), ORBIGNY (Alcide d'), OWEN (Richard), and SUESS (Eduard).
- Deslongchamps** (J. A. Eudes-). Note sur une tête de Crocodilien fossile récemment découverte aux environs de Caen. (Tract.)
8vo. Caen, 1844.
- . Notice sur des empreintes ou traces d'animaux existant à la surface d'une roche de grès, au lieu dit les Vaux-d'Aubin, près Argentan, département de l'Orne. (Tract.)
4to. Caen, 1855.
- . Supplément à la notice sur des empreintes ou traces d'animaux existant à la surface d'une roche de grès, au lieu dit les Vaux-d'Aubin, près Argentan, département de l'Orne. (Tract.)
4to. Caen, 1856.
- . Description d'un nouveau genre de coquilles bivalves fossiles, *Eligmus*, provenant de la Grande Oolithe du département du Calvados. (Tract.)
4to. Caen, 1856.
- . Essai sur les plicatules fossiles des terrains du Calvados et sur quelques autres genres voisins ou démembrés de ces coquilles.
4to. Caen, 1858.
- . Exposé des caractères généraux de Téléosauriens comparés à ceux des Crocodiliens. (Tract.)
4to. Caen, 1863.
- . Description d'une espèce inédite de Téléosaure des environs de Caen, le *Teleosaurus Calvadosii*. (Tract.)
8vo. Caen, 1866.
- . Notes sur une suture insolite partageant en deux moitiés à peu près égales le pariétal gauche d'une tête humaine, et sur l'os intermaxillaire chez l'homme. (Tract.)
8vo. Caen, 1866.
- and **Deslongchamps** (J. F. E.). Mémoire sur la couche à *Leptaena* du Lias, etc. (Tract.)
8vo. Caen, 1859.
- Desmarest** (Anselme Gaëtan). Mémoire sur les prismes qui se trouvent dans les couches horizontales de plâtre et de marnes des environs de Paris, etc. (Tract.)
4to. Paris, 1799.
- . Mémoire sur la Gyrogonite. (Tract.)
8vo. Paris, 1812.
- . Extrait d'un Rapport sur un mémoire de M. Daudebard de Férussac, intitulé: Considérations générales sur les fossiles des terrains d'eau douce. (Tract.)
8vo. Paris, 1813.
- . Mémoire sur deux genres de coquilles fossiles cloisonnées et à siphon. (Tract.)
8vo. Paris, 1817.
- . Mémoire sur la distinction des couches naturelles qui composent le massif calcaire de Passy et de Chaillot, près Paris. (Tract.)
8vo. Paris, 1822.
- . See BRONGNIART (Alexandre) and PRÉVOST (Constant).
- Desmier de St. Simon** (Etienne Jules Adolphe), *Vicomte d'Archiac*. See ARCHIAC (*Vicomte d'*).
- Des Moulins** (Charles). Essai sur les Sphérulites qui existent dans les collections de MM. F. Jouannet et C. Des Moulins, et considérations sur la famille à laquelle ces fossiles appartiennent. (Tract.)
8vo. Bordeaux, 1826.

Des Moulins (Charles). Premier mémoire sur les Echinides. Prodrome d'une nouvelle classification de ces animaux.

8vo. *Bordeaux*, 1835.

——. Etudes sur les Echinides. 1^{re} partie. 8vo. *Bordeaux*, 1835–37.

——. General considerations on restricting the number of species of the genera *Unio* and *Anodonta*; translated by Philip H. Nicklin. (Tract.)

8vo. *Philadelphia*, 1841.

——. Révision de quelques espèces de Pleurotomes. (Tract.)

8vo. *Bordeaux*, 1842.

——. Note sur le *Sisymbrium bursifolium* de Lapeyrouse. (Tract.)

8vo. *Bordeaux*, 1843.

——. Etat de la végétation sur le Pic du Midi de Bigorre au 17 Octobre, 1840. (Tract.)

8vo. *Bordeaux*, 1844.

——. Examen des causes qui paraissent influer particulièrement sur la croissance de certains végétaux dans des conditions déterminées. (Tract.)

4to. *Caen*, 1847.

——. See **RANG** (S.).

Desnoyers (Jules). Notice sur le fossile à odeur de Truffes. (Tract.)

4to. *Paris*, 1822.

——. Mémoire sur la Craie, et sur les terrains tertiaires du Cotentin. Avec note supplémentaire. 2 copies.

4to. *Paris*, 1825.

——. Observations sur quelques systèmes de la formation Oolitique du nord-ouest de la France, etc. (Tract.)

8vo. *Paris*, 1825.

——. Observations sur un ensemble de dépôts marins plus récents que les terrains tertiaires du bassin de la Seine et pouvant constituer une formation géologique distincte. (Tract.) 2 copies.

8vo. *Paris*, 1828–29.

——. Note sur des empreintes de pas d'animaux dans le gypse des environs de Paris, particulièrement de la vallée de Montmorency. (Tract.)

4to. *Paris*, 1859.

——. Sur des empreintes de pas d'animaux dans le gypse des environs de Paris, etc. (Tract.) 2 copies.

8vo. *Paris*, 1859.

——. Note sur des indices matériels de la coexistence de l'homme avec l'*Eléphas meridionalis* dans un terrain des environs de Chartres, plus ancien que les terrains de transport quaternaires des vallées de la Somme et de la Seine. (Tract.)

4to. *Paris*, 1863.

——. Réponse à des objections faites au sujet de stries et d'incisions constatées sur des ossements de Mammifères fossiles des environs de Chartres. (Tract.)

4to. *Paris*, 1863.

——. Note sur un gisement d'Eléphants et d'autres mammifères fossiles découvert dans le bassin de la Seine, au nord de Paris. (Tract.)

8vo. *Paris*, 1877.

Des Sablons (— Tarbé). See **TARBÉ DES SABLONS** (—).

Desor (E.) Excursions et séjour de M. Agassiz sur la Mer de Glace du Lauteraar et du Finsteraar, en société de plusieurs naturalistes. (Tract.)

8vo. *Geneva*, 1841.

——. L'Ascension de la Jungfrau, effectuée le 28 août 1841, par MM. Agassiz, Forbes, Du Chatelier, et Desor, etc. (Tract.)

8vo. *Geneva*, 1841.

——. Ascension du Schreckhorn. (Tract.)

8vo. *Lausanne*, 1843.

- Desor (E.).** Compte rendu des recherches de M. Agassiz pendant ses deux derniers séjours à l'Hôtel des Neuchâtelois, sur le Glacier inférieur de l'Aar, en 1841 et 1842. (Tract.) 8vo. *Geneva*, 1843.
- . Mémoire sur les phénomènes erratiques de la Suisse comparés à ceux du nord de l'Europe et de l'Amérique. (Tract.) 8vo. *Geneva*, 1852.
- . Synopsis des Echinides fossiles. 8vo. *Paris* and *Wiesbaden*, 1858.
- . Der Gebirgsbau der Alpen. (Tract.) 8vo. *Wiesbaden*, 1865.
- . Le Paysage Morainique, son origine glaciaire, et ses rapports avec les formations Pliocènes d'Italie. 8vo. *Paris* and *Neufchâtel*, 1875.
- . See AGASSIZ (Louis), COTTEAU (G.), and STUDER (Bernhard).
- and **Gressly (A.).** Etudes géologiques sur la Jura Neuchâtelois. 4to. *Neufchâtel*, 1859.
- and **Loriol (P. de).** Echinologie Helvétique. Description des Oursins fossiles de la Suisse. 2 vols. 4to. *Wiesbaden* and *Paris*, 1868–73.
- Desormeaux (—) and Gervais (Paul).** Description d'un fœtus humain monstrueux devant former un genre à part sous le nom de *Pseudacéphale*. (Tract.) 4to. *Paris*, 1860.
- Dessiou (Joseph Foss).** Directions for navigating in and throughout the North Sea, etc. 8vo. *London*, 1816.
- Desvignes (Thomas).** See BRITISH MUSEUM.
- Dethier (—).** Coup d'œil sur les anciens volcans éteints des environs de la Kill supérieure, etc. (Tract.) 8vo. *Paris*, 1803.
- Detken (Alberto).** Catalogo di libri sui vulcani e tremuoti vendibili in Napoli. (Tract.) 8vo. *Naples*.
- De Vaux (A.).** See VAUX (A. de).
- Devèze de Chabriol (J. S.) and Bouillet (J. B.).** Essai géologique et minéralogique sur les environs d'Issoire, département du Puy-de-Dôme, et principalement sur la Montagne de Boulade. Fol. *Clermont-Ferrand*, 1827.
- Déville (Charles St.-Claire-).** See SAINTE-CLAIRE DEVILLE (Charles).
- Devine (T.).** Description of a new Trilobite from the Quebec group. (Tract.) 8vo. *Montreal*, 1863.
- Dewael (Norbert Charles).** Observations sur les formations tertiaires des environs d'Anvers, avec rapport de M. Nyst. (Tract.) 8vo. *Brussels*, 1853.
- Dewalque (Gustave).** Description du Lias de la province de Luxembourg. (Tract.) 8vo. *Liège*, 1857.
- . Observations critiques sur l'âge des Grès Liasiques du Luxembourg, avec une carte des environs d'Arlou. (Tract.) 8vo. *Brussels*, 1857.
- . Sur la constitution du système Eifélien dans le bassin anthracifère du Condroz. (Tract.) 8vo. *Brussels*, 1861.
- . Notice sur le système Eifélien dans le bassin de Namur. (Tract.) 8vo. *Brussels*, 1862.
- . Note sur les Fossiles Siluriens de Grand-Ménil, près de Gembloux. (Tract.) 8vo. *Brussels*, 1863.
- . Note sur quelques points fossilifères du calcaire Eifélien. (Tract.) 8vo. *Brussels*, 1863.

- Dewalque (Gustave).** Observations sur le terrain anthraxifère de la Belgique. (Tract.) 8vo. *Brussels*, 1863.
- . Sur la distribution des sources minérales en Belgique. (Tract.) 8vo. *Brussels*, 1864.
- . Coup d'œil sur la marche des sciences minérales en Belgique. (Tract.) 8vo. *Brussels*, 1870.
- . Rapport—Note sur les Cardinies rencontrées dans le bassin houiller de Liège; par R. Malherbe. (Tract.) 8vo. *Brussels*, 1871.
- . Un Spongiaire nouveau du système Eifélien. (Tract.) 8vo. *Brussels*, 1872.
- . Rapport sur l'excursion de la Société Malacologique de Belgique à Couvin (partie paléontologique). (Tract.) 8vo. *Brussels*, 1873.
- . Rapport (sur) le mémoire . . . en réponse à la question . . . On demande la description du système houiller du bassin de Liège. (Tract.) 8vo. *Brussels*, 1873.
- . Sciences minérales. (Rapport séculaire sur les travaux de la Classe des Sciences — Académie Royale des Sciences &c. de Belgique.) (Tract.) 8vo. 1873.
- . Compte rendu de la réunion extraordinaire [de la Société géologique de Belgique] de 1874, tenue à Marche du 4 au 6 octobre. (Tract.) 8vo. *Brussels*, 1874.
- . Rapport sur un mémoire . . . en réponse à la question suivante : Faire connaître, notamment au point de vue de leur composition, les roches plutoniennes, ou considérées comme telles, de la Belgique et de l'Ardenne française. (Tract.) 8vo. *Brussels*, 1874.
- . Sur la corrélation des formations Cambriennes de la Belgique et du Pays de Galles. (Tract.) 8vo. *Brussels*, 1874.
- . Sur l'allure des couches du terrain Cambrien de l'Ardenne et en particulier sur la disposition du massif Devillien de Grand-Halleux, et sur celle de l'hyalophyre de Mairn, près Deville (départ. des Ardennes). (Tract.) 8vo. *Brussels*, 1874.
- . Documents relatifs à la publication d'une nouvelle carte géologique de la Belgique. (Tract.) 8vo. *Brussels*, 1875.
- . Rapport (sur) deux mémoires . . . en réponse à la . . . question . . . On demande la description du système houiller du bassin de Liège. (Tract.) 8vo. *Brussels*, 1875.
- . Rapport—Sur l'étage Dévonien des psammites du Condroz dans le bassin de Theux, dans le bassin septentrional (entre Aix-la-Chapelle et Ath) et dans le Boulonnais, par M. Mourlon. (Tract.) 2 copies. 8vo. *Brussels*, 1875.
- . Notes sur le dépôt Scaldisien des environs d'Herenthals et sur quelques localités pliocènes de la rive gauche de l'Escaut. (Tract.) 8vo. *Liège*, 1876.
- . Rapport—Complément du mémoire couronné de MM. de la Vallée-Poussin et Renard sur les roches plutoniennes de la Belgique. (Tract.) 8vo. *Brussels*, 1876.
- . Revue des fossiles landeniens décrits par de Ryckholt. (Tract.) 8vo. *Liège*, 1879.
- . Sur quelques fossiles trouvés dans le dépôt de transport de la Meuse et de ses affluents. (Tract.) 8vo. *Brussels*.
- . See CORNET (F. L.) and MALAISE (C.).

Dezallier d'Argenville (Antoine Joseph). See **ARGENVILLE** (Antoine Joseph Dezallier d').

Dick (A.). Analysis of the Cleveland iron-ore from Eston. (Tract.)
8vo. *London*, 1856.

——. See **SMYTH** (W. Warington).

Dickeson (Montroville W.) and **Brown** (Andrew). Report on the Cypress timber of Mississippi and Louisiana. (Tract.) 8vo. *Philadelphia*, 1848.

Dickinson (Joseph). On Modern and Scriptural Geology. (Tract.)
8vo. *Manchester*, 1864.

——. See **REPORTS, PARLIAMENTARY. Mines.**

Dickinson (Thomas). A narrative of the operations for the recovery of the public stores and treasure sunk in H.M.S. 'Thetis' at Cape Frio on the coast of Brazil, on the 5th December, 1830. 8vo. *London*, 1836.

Dickson (Samuel). The 'Destructive Art of Healing.' 4th edition.
8vo. *London*, 1856.

Dictionaries. DANISH and ENGLISH. New Pocket-dictionary of the English and Danish languages (Charles Tauchnitz). 12mo. *Leipzig*, no date.
See also **RASK** (E.), Grammar.

——. **ENGLISH.** New universal, etymological, technological, and pronouncing dictionary of the English language, embracing all the terms used in art, science, and literature. By John Craig. 2 vols.
8vo. *London*, 1848–59.

See also **ROGET** (Peter Mark). Thesaurus.

——. **GERMAN and FRENCH.** Dictionary, English, German, and French. Containing not only the English words in their alphabetical order . . . but also their proper accent . . . idioms, and proverbs, by Mr. Christian Ludwig; now carefully revised . . . by John B. Rogler. 4th edition.
4to. *Leipzig*, 1791.

——. **FRENCH and ENGLISH.** New Dictionary in French and English, and English and French; combining the Dictionaries of Boyer and Deletanville. By D. Boileau and A. Picquot. New edition.
8vo. *London*, 1848.

——. **GERMAN.** Deutsches Bergwörterbuch von Heinrich Veith.
8vo. *Breslau*, 1871.

——. ———. Kunstwörter und Redensarten bey Bergwerken und Hütten-Arbeiten nach alphabetischer Ordnung. Neue Auflage. (Tract.)
8vo. *Helmstedt*, 1802.

See also **GEHLER** (Johann Samuel Traugott): Physikalisches Wörterbuch.

——. **GERMAN and ENGLISH.** Complete Dictionary of the English and German, and German and English Languages, containing all the words in general use. By J. G. Flügel. 3rd edition. 2 vols.
8vo. *Leipzig*, 1847.

——. ———. Christian Ludwig's teutschenglisches Lexikon, etc. 4th edition.
4to. *Leipzig*, 1789.

——. **GREEK and ENGLISH.** New Greek and English Lexicon; the words alphabetically arranged. By James Donnegan. 4th edition.
8vo. *London*, 1846.

——. **ITALIAN and ENGLISH.** Dizionario delle lingue Italiana ed Inglese, di Giuseppe Baretta. Preceduto da una grammatica delle due lingue. 8va edizione, corretta . . . da Carlo Thomson. 2 vols. 8vo. *London*, 1831.

- Dictionaries.** **LATIN and ENGLISH.** Thesaurus Linguae Latinae Compendiarius. Ainsworth's Latin Dictionary, . . . with numerous additions . . . by B. W. Beatson. Revised and corrected by W. Ellis. 8vo. *London*, 1830.
- **RUSSIAN and ENGLISH.** A new Pocket Dictionary of the English and Russian and Russian and English Languages. 12mo. *Leipzig*, no date.
- **SPANISH and ENGLISH.** Dictionary of the Spanish and English Languages. By Mariano Velasquez de la Cadena. 8vo. *London*, 1862.
- **SWEDISH and ENGLISH.** New Pocket-Dictionary of the English and Swedish Languages (Charles Tauchnitz). 12mo. *Leipzig*.
See also MAY (A.), Grammar, and HUNTER (Robert).
- Dictionnaire des Sciences Naturelles**, dans lequel on traite méthodiquement des différens êtres de la nature, considérés soit en eux-mêmes, d'après l'état actuel de nos connoissances, soit relativement à l'utilité qu'en peuvent retirer la médecine, l'agriculture, le commerce et les arts. Suivi d'une Biographie des plus célèbres Naturalistes. 65 vols. text and plates. 8vo. *Strasburg and Paris*, 1816–30.
- Dieffenbach** (Ernst). See SURVEYS: HESSE.
- Diest** (P. van). Banca, and its Tin Stream-works. Translated from the Dutch . . . by C. Le Neve Foster. (Tract.) 8vo. *Truro*, 1867.
- Dietrich** (Philipp Friedrich von). Description des gîtes de minerais, des forges et des salines des Pyrénées. 4 vols. 4to. *Paris*, 1786–99.
- See FERBER (J. J.).
- Dilke** (Sir Charles Wentworth). Catalogue of a collection of works on or having reference to the Exhibition of 1851. 8vo. Privately printed, 1855.
- Dillwyn** (Lewis Weston). A descriptive catalogue of recent shells arranged according to the Linnean method with particular attention to the synonymy. 2 vols. 8vo. *London*, 1817.
- On Fossil Shells. (Tract.) 2 copies. 4to. *London*, 1824.
- Contributions towards a History of Swansea. (Tract.) 8vo. *Swansea*, 1840.
- Materials for a Fauna and Flora of Swansea and the neighbourhood. (Tract.) 8vo. *Swansea*, 1848.
- See LISTER (Martin).
- Dimmock's Special Bibliography, No. 3.** The Writings of Samuel Hubbard Scudder. Compiled and edited by George Dimmock. 8vo. *Cambridge, Mass.*, 1879.
- Dittmar** (Alphonse V.). Die *Contorta*-zone (Zone der *Avicula contorta*, Portl.), ihre Verbreitung und ihre organischen Einschlüsse. 8vo. *Münich, Brussels, Milan, Paris, and London*, 1864.
- Dixon** (Frederick). The Geology and Fossils of the Tertiary and Cretaceous formations of Sussex. 4to. *London*, 1850.
- The Geology of Sussex; or the Geology and Fossils of the Tertiary and Cretaceous Formations of Sussex. New edition, revised and augmented by T. Rupert Jones. 4to. *Brighton*, 1878.
- D'Halloy** (J. J. d'Omalus d'). See OMALIUS (d'Halloy, J. J. d').
- Dobree** (Nicholas). Observations sur les Cartes—Observations on the Charts of the Islands of Guernsey, Alderney, Sark, Herm, and Jethou. 4to. *London*, 1786.
- Dobrotvorsky** (M. M.). Аинско-Русскій Словарь. Aino-Russian Vocabulary. 8vo. *Kasan*, 1875.

- Dobson** (Samuel). Report on the comparative economic value and usefulness, for Marine purposes, of Steam Coals of Aberdare, in South Wales, and of Hartley, in Northumberland. (Tract.)
8vo. London, 1859.
- Dohrandt** (F.). See SCHMIDT (Carl).
- Döll** (Eduard). See HAIDINGER (Wilhelm von).
- Dollfus** (Auguste). Biographical Notice. See MARCOU (Jules).
- . La Faune Kimmérienne du cap de la Hève. 4to. Paris, 1863.
- and **Mont-Serrat** (E. de). Voyage géologique dans les Républiques de Guatemala et de Salvador. 4to. Paris, 1868.
- Dollfus** (Gustave). Principes de géologie transformiste : application de la théorie de l'évolution à la géologie. 8vo. Paris, 1874.
- . Note sur des empreintes attribuables à une Actinie (? *Palæactis vetula*) dans les schistes Cambriens des Moitiers-d'Allonne. (Tract.)
8vo. Cherbourg, 1875.
- Döllinger** (J. von). Rede zur Vorfeier des Allerhöchsten Geburtsfestes Sr. Majestät des Königs Ludwig II. (Tract.)
8vo. Munich, 1873.
- Dolomieu** (Déodat-Guy-Silvain-Tancrède (Gratet) de), Biographical Notice. See LACÉPÈDE (Comte de).
- . Reise nach den liparischen Inseln, oder Nachricht von den äolischen Inseln zur nähern Aufklärung der Geschichte der Vulkane. Aus dem französischen übersetzt von Ludwig Christian Lichtenberg. 8vo. Leipzig, 1783.
- . Voyage aux îles de Lipari, fait en 1781. 8vo. Paris, 1783.
- . Mémoire sur les îles Ponces, et Catalogue raisonné des produits de l'Etna. 8vo. Paris, 1788.
- . Catalogue raisonné des produits volcaniques de l'Etna. [Pp. 144–525 of 'Mémoires sur les îles Ponces,' etc., with MS. title-page.]
8vo. Paris, 1788.
- . Abhandlung über das Erdbeben in Calabrien im Jahre 1783. (Tract.) 8vo. Leipzig, 1789.
- . Sur la Philosophie minéralogique, et sur l'espèce minéralogique. 8vo. Paris, 1801.
- . Essai sur la théorie des Volcans d'Auvergne.
8vo. Clermont, 1802.
- . See BREISLAK (Scipione).
- Dölter** (Cornelis). Die Vulcangruppe der pontinischen Inseln. (Tract.)
4to. Vienna, 1875.
- . Die Bestimmung der petrographisch wichtigeren Mineralien durch das Mikroskop. 8vo. Vienna, 1876.
- D'Omalius** (d'Halloy, J. J.). See OMALIUS D'HALLOY (J. J. d').
- Domville** (Silas). See DALE (Samuel).
- Donaldson** (T. L.), **Godwin** (G.), and **Smith** (C. H.). Remarks on Caen and Aubigny Stone, etc., by Luard, Beedham, and Co.; also extracts from Papers and Reports. (Tract.) 8vo. London, 1850.
- Donati** (Vitaliano). Essai sur l'histoire naturelle de la Mer Adriatique, avec une lettre du Leonard Sesler sur une nouvelle espèce de plante terrestre, traduit de l'Italien, par P. de Hondt. 4to. The Hague, 1758.
- Donnegan** (James). See DICTIONARIES, Greek and English.
- D'Orbigny** (Alcide). See ORBIGNY (Alcide d').

- Dorlhac (J.).** Note sur les dépôts houillers de Brassac et de Laugeac, Haute-Loire. (Tract.) 8vo. *Lyons*, 1859.
- Dorna (Alessandro).** See **TURIN**, Regio Osservatorio.
- Doubleday (E.).** See **BRITISH MUSEUM**.
- Doüe (J. M. Bertrand Roux de).** See **BERTRAND-ROUX (DE DOUE) (J. M.)**.
- Dougall (John).** See **TORFIÑO DE SAN MIGUEL (Vicente)**.
- Doughty (C. M.).** On the Jöstedal-Bræ Glaciers in Norway. (Tract.) 8vo. *London*, 1866.
- Douglas (James).** A dissertation on the antiquity of the earth, read at the Royal Society, May 12, 1785. Fol. *London*, 1785.
- . On the Ancient Barrows observable on the South Downs. (Tract.) 8vo. *Lewes*, 1818.
- Douglas (John William) and Scott (John).** The British Hemiptera. Vol. I. Hemiptera-Heteroptera. (Ray Society.) 8vo. *London*, 1865.
- Douglass (James).** Descriptio comparata musculorum corporis humani et quadrupedis. (Tract.) 8vo. *Leyden*, 1729.
- Doull (Alexander).** A Project for opening a North-west Passage between the Atlantic and Pacific Oceans, by means of a Railway on British Territory, etc. (Tract.) 8vo. *London*, 1852.
- Dove (H. W.).** Darstellung der Wärme-Erscheinungen durch fünftägige Mittel von 1782 bis 1855, mit besonderer Berücksichtigung strenger Winter. [Erster Supplement-Band, Abhandlungen der königlichen Akademie der Wissenschaften zu Berlin.] Fol. *Berlin*, 1856.
- . Ueber Eiszeit, Föhn und Scirocco. 8vo. *Berlin*, 1867.
- . Remarks on his recently constructed maps of the monthly Isothermal Lines of the Globe, etc.; with an Introductory Notice by Edward Sabine. (Tract.) 8vo. *London*, 1849.
- Dove (John E.).** Megaliths and Tumuli: their probable Eras, "Architects," and Purposes. (Tracts.) 4to. *London*, 1872.
- Dowleams (A. M.).** Official classified and descriptive catalogue of the contributions from India to the London Exhibition of 1862. 4to. *Calcutta*, 1862.
- Dowler (Bennet).** Contributions to the natural history of the Alligator (*Crocodilus mississippiensis*), with a Microscopical addendum. (Tract.) 8vo. *New Orleans*, 1846.
- . Tableaux, Geographical, Commercial, Geological, and Sanitary, of New Orleans. (Tract.) 8vo.
- . Natural Science in New Orleans. (Tract.) Fcap. page. *New Orleans*, 1854?
- Downes (W.).** The Fossils of the Culm-measure Limestones around Holcombe Rogus. (Tract.) 8vo. *Plymouth*, 1878.
- Doyle (Patrick).** A Contribution to Burman Mineralogy. (Tract.) 8vo. *Calcutta* (privately printed), 1879.
- . Indian Coal, and Coal Statistics. (Tract.) Newspaper slip, 1879.
- . Tin-mining in Larut. 8vo. *London*, 1879.
- Doyne (W. T.).** See **REPORTS, COLONIAL: New Zealand**.
- Drach (S. M.).** An easy Rule for Formulizing all Epicyclical Curves with one moving circle by the Binomial Theorem. (Tract.) 8vo. *London*, 1849.
- Drake (B.).** See **BULLOCK (W.)**

- Dralet** (—). Description des Pyrénées. 2 vols. 8vo. *Paris*, 1813.
- Draparnaud** (Jacques-Philippe-Raymond). Histoire naturelle des mollusques terrestres et fluviatiles de la France. 4to. *Paris*, 1805.
- Draper** (John W.). On the Use of a Secondary Wire as a measure of the Relative Tension of Electric Currents. (Tract.) 8vo. *London*, 1839.
- Draper** (Lyman C.). Madison, the Capital of Wisconsin. (Tract.) 8vo. *Madison*, 1857.
- Drapiez** (A.). Coup-d'œil minéralogique et géologique sur la province du Hainaut, Royaume des Pays-Bas. 4to. *Brussels*, 1823.
- . Notice sur l'établissement géographique de Bruxelles. (Tract.) 8vo. *Brussels*, no date.
- Drasche** (Richard von). Fragmente zu einer Geologie der Insel Luzon (Philippinen). Mit einem Anhang über die Foraminiferen der tertiären Thone von Luzon von F. Karrer. (Tract.) 4to. *Vienna*, 1878.
- . Die Insel Réunion (Bourbon) im indischen Ocean. Mit einem Anhang über die Insel Mauritius. 4to. *Vienna*, 1878.
- . See **TOULA** (Franz).
- Drayson** (A. W.). On the cause, date, and duration of the last Glacial epoch of Geology. 8vo. *London*, 1873.
- . Cause of the supposed proper motion of the fixed Stars. A sequel to the 'Glacial Epoch.' 8vo. *London*, 1874.
- Drée** (Et. de). Catalogue des huit collections qui composent son Musée Minéralogique. 4to. *Paris*, 1811.
- . Catalogue [à vente] d'objets rares et précieux, . . qui faisaient partie de son Cabinet et Musée Minéralogique. (Tract.) 8vo. *Paris*, 1816.
- . Description des objets composant les 4 collections qui font partie de son Musée Minéralogique. (Tract.) 4to. *Paris*, 1816.
- Dresser** (C. L.). (Leeds Water Works, 1866.) An Examination of the Report of Mr. Filliter. (Tract.) 8vo. *Leeds*, 1866.
- Dreux**, fils (—). See **WIEDMAN** (—).
- Drew** (Frederic). The Jummoo and Kashmir Territories. A geographical account. 8vo. *London*, 1875.
- . See **SURVEYS: ENGLAND AND WALES**.
- Drew** (John). See **BULLAR** (John).
- Drian** (Aimé). Minéralogie et Pétrologie des environs de Lyon, disposées suivant l'ordre alphabétique. 8vo. *Lyons*, 1849.
- . Note sur une roche pyroxénique du département du Rhône. (Tract.) 8vo. *Lyons*, 1853.
- Drummond** (James). The Comrie Earthquakes. 8vo. *Perth and Crieff*, 1875.
- Drummond** (J.). See **BISCHOF** (Gustav).
- Dryander** (Jonas). Catalogus bibliothecæ historico-naturalis Josephi Banks. Tom. IV. Mineralogi. 8vo. *London*, 1799.
- Dublin**. Memorandum of objects of Geological Interest in the vicinity of Dublin. (Tract.) 8vo. *Dublin*, 1835.
- Dubois** (Charles). An Epitome of Lamarck's Arrangement of Testacea. 8vo. *London*, 1824.
- Dubourdieu** (John). Statistical Survey of the County of Antrim. 8vo. *Dublin*, 1812.

Du Bois de Montpéreux (Frédéric). Conchiologie fossile et aperçu géognostique des formations du plateau Wolhyni-Podolien. (Tract.)
4to. *Berlin*, 1831.

Dubreuil (—). See **SERRES** (Marcel de).

Ducatel (J. T.). See **SURVEYS** : **MARYLAND**.

Duchassaing de Fonbressin (Pierre). Observations sur les formations modernes de l'île de la Guadeloupe. (Tract.) 8vo. *Paris*, 1855.

— and **Michelotti** (Giovanni). Mémoire sur les Coralliaires des Antilles. 4to. *Turin*, 1860.

Duchesne (ainé). Compte rendu du voyage fait en Angleterre pour y examiner diverses collections d'estampes, publiques ou particulières. (Tract.) 8vo. *Paris*, 1824.

—. Essai sur les nielles, gravures des orfèvres Florentins du XV^e siècle. Prospectus. (Tract.) 8vo. *Paris*, 1824.

Duckworth (Henry). Artefacta antiquissima : Geology in its relation to primeval Man. 8vo. *Liverpool*, 1860.

Duc-Lachapelle (A. J. P. C.). Mémoire sur la distance solsticielle du Soleil au zénith dans le Tropique du Cancer, en 1796 et 1797. (Tract.) 4to.

—. Observation du Solstice d'été de l'an 9 (1801), faite à Montauban, département du Lot. (Tract.) 4to. *Paris*, 1801.

Duclos (P. L.). Catalogue des livres relatifs aux Sciences naturelles, particulièrement à la Conchyliologie . . . qui composaient sa Bibliothèque. (Tract.) 8vo. *Paris*, 1854.

Ducrotay de Blainville (H. M.). See **BLAINVILLE** (H. M. Ducrotay de).

Dudley Observatory. Defence of Dr. Gould, by the Scientific Council. 3rd edition. (Tract.) 8vo. *Albany*, 1858.

See also **GOULD** (Benjamin Apthorp, jun.).

Duff (Joseph). See **KIRKBY** (James W.).

Duff (Patrick). Sketch of the Geology of Moray. 8vo. *Elgin*, 1842.

—. Geology of Moray. (Tract.) 8vo. *Elgin*, 1860 ?

Dufrénoy (Pierre Armand). Biographical Notice. See **ARCHIAC** (A. d').

—. Mémoire sur l'existence du gypse et de divers minerais métallifères dans la partie supérieure du Lias du sud-ouest de la France. (Tract.) 8vo. *Paris*, 1827.

—. Mémoire sur les caractères particuliers que présente le terrain de Craie dans le sud de la France, et principalement sur les pentes des Pyrénées. (Tract.) 8vo. *Paris*, 1830.

—. Des caractères particuliers du terrain de Craie sur la pente méridionale des Pyrénées. (Tract.) 8vo. *Paris*, 1831.

—. Mémoire sur la relation des Ophites, des Gypses, et des sources salées des Pyrénées, etc. (Tract.) 8vo. *Paris*, 1832.

—. Sur la nature et la position géologique des marbres désignés sous le nom de calcaires amygdalins. (Tract.) 8vo. *Paris*, 1833.

—. Mémoire sur la position géologique des principales mines de fer de la partie orientale des Pyrénées, etc. (Tract.) 8vo. *Paris*, 1834.

—. Description de la Greenovite. (Tract.) 8vo. *Paris*, 1840.

—. Rapport sur les mines, les opérations métallurgiques, les produits minéraux et les carrières, fait à la commission française du jury international de l'Exposition Universelle de Londres. 8vo. *Paris*, 1854.

—. Discours prononcé aux funérailles de M. de Bonnard.

—. See **BRONGNIART** (Alexandre) and **LAMBERT** (Ed.).
4to. *Paris*, 1857.

- Dufrenoy** (Pierre Armand) and **Elie de Beaumont** (L.). *Voyage Métallurgique en Angleterre.* 8vo. *Paris*, 1827.
- . *Mémoires pour servir à une description géologique de la France.* 4 vols. 8vo. *Paris*, 1830–38.
- . *Mémoire sur les groupes du Cantal, du Mont-Dore, et sur les soulèvemens auxquels ces montagnes doivent leur relief actuel.* (Tract.) 8vo. *Paris*, 1833.
- . *Explication de la Carte Géologique de la France.* 2 vols. 2 copies. 4to. *Paris*, 1841–48.
- . *Rapport sur un mémoire de M. Daubrée, ayant pour titre : Sur la production artificielle de quelques espèces minérales cristallines, particulièrement de l'oxyde d'étain, de l'oxyde de titane et du quartz.* (Tract.) 2 copies. 8vo. *Paris*, 1850.
- Dufresne** (L.) and **Léman** (S.). *Notice d'une nombreuse et magnifique collection de Coquilles . . . classée d'après le système des animaux sans vertèbres de M. de Lamarck.* (Tract.) 4to. *Paris*.
- Du Graty** (Alfred M.). *Mémoire sur les productions minérales de la Confédération Argentine.* (Tract.) *Paris*, 1855.
- Dujardin** (F.). *Recherches sur les organismes inférieurs.* (Tract.) 8vo. *Paris*, 1835.
- and **Hupé** (H.). *Histoire naturelle des Zoophytes Echinodermes.* 8vo. *Paris*, 1862.
- Dulac** (Alleon). *Mémoires pour servir à l'histoire naturelle des provinces de Lyonnais, Forez et Beaujolais.* 2 vols. 8vo. *Lyons*, 1765.
- Dumas** (Jean Baptiste). *Eloge de MM. Alexandre Brongniart et Adolphe Brongniart.* (Tract.) 4to. *Paris*, 1877.
- Duméril** (Auguste and C.). See **MUSEUMS : PARIS.**
- Dumont** (André H.). *Mémoire sur la constitution géologique de la Province de Liège.* (Tract.) 2 copies. 4to. *Brussels*, 1832.
- . *Rapport sur les travaux de la carte géologique pendant les années 1838 et 1839 et 1841.* (Tract.) 2 copies. 8vo. *Brussels*, 1838.
- . *Tableaux analytiques des Minéraux.* (Tract.) 4to. *Brussels*, 1839.
- . *Rapport sur la carte géologique de la Belgique.* (Tract.) 8vo. *Brussels*, 1850.
- . *Mémoire sur les terrains triasique et jurassique de la Province de Luxembourg.* (Tract.) 4to. *Brussels*, 1842.
- . *Sur la valeur du caractère paléontologique en géologie.* (Tract.) 8vo. *Brussels*, 1847.
- . *Mémoire sur les terrains Ardennais et Rhénan de l'Ardenne, du Brabant et du Condroz.* 4to. *Brussels*, 1847–48.
- . *Note sur la position géologique de l'argile Rupélienne, et sur le synchronisme des formations tertiaires de la Belgique, de l'Angleterre et du nord de la France.* (Tract.) 8vo. *Brussels*, 1851.
- . *Note sur l'emploi des caractères géométriques résultant des mouvements lents du sol, pour établir le synchronisme des formations géologiques.* (Tract.) 8vo. *Brussels*, 1852.
- . *Note sur la division des terrains en trois classes, d'après leur mode de formation, et sur l'emploi du mot *Geysérien* pour désigner la troisième de ces classes.* (Tract.) 8vo. *Brussels*, 1852.

- Dumont** (André H.). Mémoires sur les terrains crétacé et tertiaires préparés . . . pour servir à la description de la carte géologique. Edités par Michel Murlon. 3 vols. 8vo. *Brussels*, 1878–79.
- and **Koninck** (L. de). Rapports sur un mémoire de M. Nyst, en réponse à la question suivante : Faire la description des coquilles et des polypiers fossiles des terrains tertiaires de Belgique, et donner l'indication précise des localités et des systèmes de roches dans lesquels ils se trouvent. (Tract.) 4to. *Brussels*, 1843.
- Dumont** (Gustave). See **LIÈGE**.
- Dumortier** (Eugène). Note sur quelques fossiles peu connus ou mal figurés du Lias moyen. (Tract.) *Lyons*, 1857.
- . Etudes paléontologiques sur les dépôts jurassiques du bassin du Rhône. 4 parts. 8vo. *Paris*, 1864–74.
- . Sur quelques gisements de l'Oxfordien inférieur de l'Ardèche. 8vo. *Paris* and *Lyons*, 1871.
- . See **FALSAN** (A.).
- and **Fontannes** (F.). Description des Ammonites de la zone à *Ammonites tenuilobatus* de Crussol, et de quelques autres fossiles jurassiques nouveaux ou peu connus. 8vo. *Lyons* and *Paris*, 1876.
- Duncan** (Peter Martin). A description of, and remarks upon, some fossil Corals from Sinde. (Tract.) 8vo. *London*, 1864.
- . On the fossil Corals of the West-Indian Islands. Parts i.–iii. 8vo. *London*, 1863–64.
- . A description of some fossil Corals from the South-Australian Tertiaries. (Tract.) 8vo. *London*, 1865.
- . On some spaces, formerly occupied by selenite, in the Lower Eocene Clays of the London Basin, etc. (Tract.) 8vo. *London*, 1865.
- . A monograph of the British Fossil Corals. Second series. Being a Supplement to the 'Monograph of the British Fossil Corals,' by MM. Milne Edwards and Haime. (Palæontographical Society.) 4to. *London*, 1866–72.
- . The histology of the reproductive organs of the Irid (*Tigridia conchiflora*), with a description of the phenomena of its impregnation. (Tract.) 8vo. *London*, 1866.
- . On the genera *Heterophyllia*, *Battersbyia*, *Palæocyclus*, and *Asterosmilæa*; the anatomy of their species, and their position in the classification of the Sclerodermic Zoantharia. (Tract.) 4to. *London*, 1867.
- . First Report on the British Fossil Corals. (Tract.) 8vo. *London*, 1868.
- . On the Fossil Corals (*Madreporaria*) of the West-Indian Islands. (Tract.) 8vo. *London*, 1868.
- . On the Madreporaria dredged up in the expedition of H.M.S. 'Porcupine.' (Tract.) 8vo. *London*, 1870.
- . Third Report on the British Fossil Corals. (Tract.) 8vo. *London*, 1871.
- . On the structure and affinities of *Guynia annulata*, Dunc., with remarks upon the persistence of Palæozoic Types of Madreporaria. (Tract.) 4to. *London*, 1871.
- . Description of the Madreporaria dredged up during the expedition of H.M.S. 'Porcupine' in 1869–1870. Parts i. and ii. (Tracts.) 4to. *London*, 1871–78.

- Duncan** (Peter Martin). Description of some fossil Corals and Echinoderms from the South-Australian Tertiaries. (Tract.)
8vo. London, 1874.
- . An abstract of the Geology of India. Fol. London, 1875.
- . ———. 2nd edition. Fol. London, 1876.
- . Notices of some deep-sea and littoral Corals from the Atlantic Ocean, Caribbean, Indian, New Zealand, Persian Gulf, and Japanese etc. seas. (Tract.) 8vo. London, 1876.
- . On some Thallophytes parasitic within recent Madreporaria. (Tract.) 8vo. London, 1876.
- . The beginnings of Life. 2 lectures. (Tracts.)
8vo. Manchester and London, 1877.
- . Lecture on the formation of the main Land-masses. (Tract.)
8vo. London, 1878.
- . On some Ophiuroidea from the Korean seas. (Tract.)
8vo. London, 1878.
- . Address to the Geological Section of the British Association, 1879. (Tract.)
8vo. London, 1879.
- . Scientific results of the Second Yarkand Mission; based upon the collections and notes of the late Ferdinand Stoliczka. Syringosphæridæ. 4to. Calcutta, 1879.
- . A monograph of the Fossil Corals and Alcyonaria of Sind, collected by the Geological Survey of India. 4to. London, 1880.
- . On a part of the Life-cycle of *Clathrocystis æruginosa* (Kützing's species). Tract. 8vo. London, 1880.
- . See CASSELL'S NATURAL HISTORY, GRIFFITH (J. W.), and NELSON (R. J.).
- and **Jenkins** (Henry Michael). On *Palæocoryne*, a genus of tubularine Hydrozoa from the Carboniferous Formation. (Tract.)
3 copies. 4to. London, 1869.
- and **Thomson** (James). On *Cyclophyllum*, a new genus of the Cyathophyllidæ, with remarks on the genus *Aulophyllum*. (Tract.)
8vo. London, 1867.
- Dundonald** (Earl of). On the use, properties, and products of the Bitumen and Petroleum of Trinidad. (Tract.) 4to. London, 1857.
- Dunker** (Wilhelm). Monographie der norddeutschen Wealdenbildung. Ein Beitrag zur Geognosie und Naturgeschichte der Vorwelt. Nebst einer Abhandlung über die in dieser Gebirgsbildung bis jetzt gefundenen Reptilien, von Hermann von Meyer. 2 copies.
4to. Brunswick, 1846.
- . Commentatio de *Septiferis*, genere Mytilaceorum, et de *Dreissenis*.
4to. Marburg, 1855.
- . Ueber mehrere Pflanzenreste aus dem Quadersandsteine von Blankenburg. (Tract.) 4to. Cassel, 1856.
- . See KOCH (C. L. von).
- Dunn** (E. J.). Report on the Stormberg Coal-fields (Cape of Good Hope). (Tract.) 4to. Cape Town, 1878.
- Dunn** (Matthias). See REPORTS, PARLIAMENTARY. Mines.
- Du Noyer** (George V.). On the bituminous coal of the Arigna district, counties of Roscommon and Leitrim. (Tract.)
8vo. London, 1863.

- Dunston (John).** A Catalogue [sale] of his valuable collection of minerals. (Tract.) 8vo. *London*, 1847.
- DuPetit-Thouars (Aubert Aubert-).** See **DERHAM (W.)**.
- Du Ponceau (Peter S.).** A dissertation on the nature and character of the Chinese system of writing; to which are subjoined a vocabulary of the Cochinchinese language by Joseph Morrone; with references to the plates etc. by M. de la Palun. (Being vol. ii. of the Transactions of the Historical and Literary Committee of the American Philosophical Society.) 8vo. *Philadelphia*, 1838.
- Dupont (Edouard).** Sur le Calcaire Carbonifère de la Belgique et du Hainaut Français. (Tract.) 2 copies. 8vo. *Brussels*, 1863.
- . Notice sur le Marbre noir de Bachant (Hainaut Français). (Tract.) 8vo. *Brussels*, 1864.
- . Essai d'une carte géologique des environs de Dinant. (Tract.) 8vo. *Brussels*, 1865.
- . Etude sur les fouilles scientifiques exécutées pendant l'hiver de 1865–1866 dans les cavernes des bords de la Lesse. (Tract.) 8vo. *Brussels*, 1866.
- . Etudes sur trois cavernes de la Lesse explorées pendant les mois de mars et d'avril, 1866. 8vo. *Brussels*, 1866.
- . Notices préliminaires sur les fouilles exécutées sous les auspices du gouvernement Belge dans les cavernes de la Belgique. 8vo. *Brussels*, 1867.
- . L'homme pendant les âges de la pierre dans les environs de Dinant-sur-Meuse. 2nd edition. 8vo. *Brussels*, 1872.
- . Notice sur la vie et les travaux de Jean-Baptiste-Julien d'Omalius d'Halloy. (Tract.) 8vo. *Brussels*, 1876.
- . See **BENEDEN (P. J. van)**.
- Dupuy (D.).** Histoire naturelle des Mollusques terrestres et d'eau douce qui vivent en France. 4to. *Paris*, 1847–52.
- . Essai sur les Mollusques terrestres et fluviatiles et leurs coquilles vivants et fossiles du département du Gers. 8vo. *Auch and Paris*, 1863.
- Durand (H. M.).** Specimens of the Hippopotamus and other Fossil genera of the Sub-Himalayas in the Dádúpur Collection. (Tract.) 4to. *Calcutta*, 1836.
- Durnford (James Cæsar), Power (John A.), and Daniell (Raymond S.).** The Correspondence relating to the Lancet Sanatory Commission examined. (Tract.) 8vo. *London*, 1856.
- Durocher (J.).** Géographie physique. Mémoire sur la limite des neiges perpétuelles, sur les glaciers du Spitzberg comparés à ceux des Alpes, etc. 8vo. *Paris*, 1843.
- . (Voyages de la Commission scientifique du Nord, en Scandinavie, en Laponie, au Spitzberg et aux Ferøe pendant les années 1838, 1839 et 1840, sur la corvette 'La Recherche.') Géologie, Minéralogie, Métallurgie et Chimie. 8vo. *Paris*, 1844.
- . Etudes sur la limite des neiges perpétuelles. (Tract.) 2 copies. 8vo. *Paris*, 1847.
- . See **ELIE DE BEAUMONT (L.)**.
- Dutton (Francis).** South Australia and its mines, with an historical sketch of the Colony. 8vo. *London*, 1846.

- Duval-Jouve (J.).** Bélemnites des terrains crétacés inférieurs des environs de Castellane (Basses-Alpes), considérées géologiquement et zoologiquement, avec la description de ces terrains. (Tract.)
4to. *Paris*, 1841.

E.

- E * * *** (F. O.). On gypsum near Doncaster, and nodules of limestone, and of pyrites containing sea-shells, in the Coal-district near Bradford, in Yorkshire. (Tract.) 8vo. *London*, 1812.
- E * * *** (W. B.). A Letter to the late Lord Lyttelton, containing a description of the last great eruption &c. of Mount *Ætna*, A.D. 1766. 2 copies. 8vo. *London*, 1772.
- Earl** (George Windsor). A Correspondence relating to the discovery of gold in Australia. (Tract.) 8vo. *London*, 1853.
- Earnshaw (S.).** Etherspheres a *vera causa* in natural philosophy; with special application to the theory of heat. (Tract.) 8vo. *London*, 1879.
- Easton** (Edward). On the yield of wells sunk in the central portion of the London Basin. (Tract.) 8vo. *London*, 1876.
- . See **BRAMWELL** (F. J.) and **WATER SUPPLY**, *London*.
- Eaton** (Amos). An Index to the geology of the Northern States, with a transverse section from Catskill Mountain to the Atlantic. (Tract.) 8vo. *Leicester*, 1818.
- . A Geological nomenclature for North America. (Tract.) 8vo. *Albany*, 1828.
- . Geological Text-book, for aiding the study of North-American geology. 2nd edition. 8vo. *Albany and New York*, 1832.
- Eaton** (Daniel C.). See **SURVEYS: UNITED STATES**.
- Ebel** (Johann Gottfried). Ueber den Bau der Erde in dem Alpen-Gebirge, etc. 2 vols. 8vo. *Zurich*, 1808.
- . Anleitung, auf die nützlichste und genussvollste Art die Schweiz zu bereisen. 4 vols. 8vo. *Zurich*, 1809–10.
- Ebray** (Théophile). Etudes géologiques sur le département de la Nièvre. 1^{er} Fascicule. 2 copies. 8vo. *Paris*, 1858.
- . Etudes paléontologiques sur le département de la Nièvre. Chap. v. Remarques sur l'appareil apical de quelques échinodermes et sur leur classification. Chap. vi. Sur les prototypes des Scaphites et des Hamites. Pp. 53–64. (Tract.) 8vo.
- . Sur la présence de l'étage bathonien et de l'étage bajocien à Crussol (Ardèche), et étude des allures du terrain houiller de Decize. (Tract.) 8vo. *Nevers*, 1863.
- Eck** (Heinrich). Ueber die Formationen des bunten Sandsteins und des Muschelkalks in Oberschlesien und ihre Versteinerungen. (Tract.) 8vo. *Berlin*, 1865.
- . Karte und Profile zur geologischen Beschreibung von Rüdersdorf und Umgegend. 4to. *Berlin*, 1872.
- Edinburgh Encyclopædia**, conducted by David Brewster. Vol. VII. part 1. 4to. *Edinburgh*, 1813.
- Edinburgh Gazetteer**, or Geographical Dictionary. 6 vols. 8vo. *London*, 1827.

- Edinburgh Observatory.** Astronomical Observations made at the Royal Observatory, Edinburgh, by C. P. Smyth. Vol. xi., for 1849–54. 4to. *Edinburgh*, 1857.
- Education.** Minutes of the Committee of Council on Education: with Appendices. 1840–41. 8vo. *London*, 1841.
- Edwards** (Alphonse Milne). Mémoire sur la distribution géologique des Oiseaux fossiles, et description de quelques espèces nouvelles. (Tract.) 8vo. *Paris*, 1863.
- . Recherches anatomiques et paléontologiques pour servir à l'histoire des Oiseaux fossiles de la France. Text and Plates. 3 vols. 4to. *Paris*, 1867–74.
- Edwards** (Edward). A Letter to Benjamin Hawes, Esq., M.P., being strictures on the “Minutes of Evidence” taken before the Select Committee on the British Museum: with an Appendix, containing heads of inquiry respecting the improvement of the Museum. (Tract.) 8vo. *London*, 1836.
- Edwards** (Frederic E.). A monograph of the Eocene Mollusca, or descriptions of shells from the older Tertiaries of England. (Palæontographical Society.) 4to. *London*, 1849–58.
- Edwards** (George). Elements of Fossilogy; or, An arrangement of fossils into Classes, Orders, Genera, and Species, with their Characters. 8vo. *London*, 1776.
- Edwards** (Henri Milne). Elémens de Zoologie. 8vo. *Paris*, 1834.
- . Histoire naturelle des Coralliaires ou polypes proprement dits. 3 vols. and Atlas (large 8vo). 8vo. *Paris*, 1857.
- . Note sur les résultats fournis par une enquête relative à l'authenticité de la découverte d'une mâchoire humaine et de haches en silex, dans le terrain diluvien de Moulin-Quignon. (Tract.) 2 copies. 4to. *Paris*, 1863.
- and **Comte** (Achille). Cahiers d'histoire naturelle. 2^e édition. 7^e cahier, Géologie. 12mo. *Paris*, 1838.
- and **Haime** (Jules). A Monograph of the British Fossil Corals. (Palæontographical Society.) 4to. *London*, 1850–54.
- See also **DUNCAN** (P. M.).
- ———. Recherches sur la structure et la classification des Polypiers récents et fossiles. 1^e partie. 8vo. *Paris*, 1848–49.
- ———. Monographie des Polypiers fossiles des terrains paléozoïques, précédée d'un tableau général de la classification des Polypes. 4to. *Paris*, 1851.
- . See **BRONGNIART** (Alexandre).
- Edwards** (Morton). A guide to modelling in clay and wax, and for terra cotta, bronze and silver chasing and embossing, carving in marble and alabaster, moulding and casting in plaster of paris, or sculptural art made easy for beginners. (Tract.) 8vo. *London*, 1879.
- Edwards** (W. T.) and **Colin** (Prof.). Mémoire de physiologie agricole sur la végétation des céréales sous de hautes températures. (Tract.) 8vo. *Versailles*, 1835.
- Eells** (M.). The Twana Indians of the Skokomish reservation in Washington Territory. (Tract.) 8vo. *Washington*, 1877.

- Eenens** (—). Mémoire sur la fertilisation des Landes de la Campine et des Dunes. (Tract.) 8vo. *Brussels*, 1849.
- Egan** (Thomas). An experimental inquiry into the nature of gravelly and calculous concretions in the human subject, etc. (Tract.) 4to. *Dublin*, 1805.
- Egerton** (Sir Philip de Malpas Grey-). On certain peculiarities in the cervical vertebræ of the *Ichthyosaurus*, hitherto unnoticed. (Tract.) 4to. *London*, 1836.
- . Catalogue of Fossil Fish in the Collections of Lord Cole and Sir Philip Egerton. (Tract.) 2 copies. 8vo. *Chester*.
- . A systematic and stratigraphical catalogue of the fossil fish in the Cabinets of Lord Cole and Sir Philip Grey Egerton: together with an alphabetical and stratigraphical catalogue of the same species, with reference to their published figures and descriptions. (Tract.) 2 copies. 4to. *London*, 1837.
- . Fossil fish in the Collections of the Earl of Enniskillen and Sir Philip Grey Egerton. (Tract.) 4to. No date.
- . A notice on the occurrence of Triassic fishes in British strata. (Tract.) 8vo. *London*, 1841.
- . On *Chondrosteus*, an extinct genus of the Sturionidæ, found in the Lias formation at Lyme Regis. (Tract.) 8vo. *London*, 1858.
- . See MORRIS (John) and SURVEYS, GREAT BRITAIN.
- Eggenberger** (Ferdinánd). Magyar Tudományos Akademia által kiadott Nyomtatványok Lajstroma. (Tract.) 8vo. *Pesth*, 1862.
- Egger** (Joseph Georg). Die Foraminiferen der Miocän-Schichten bei Ortenburg in Nieder-Bayern. (Tract.) 8vo. *Stuttgart*, 1857.
- . Der Jura-Kalk bei Ortenburg und seine Versteinerungen. (Tract.) 8vo. *Passau*, 1858.
- . Die Ostrakoden der Miocän-Schichten bei Ortenburg in Nieder-Bayern. (Tract.) 8vo. *Stuttgart*, 1858.
- Egleston** (T.). Catalogue of minerals, with their formulas, etc., prepared for the Smithsonian Institution. (Smithsonian Miscellaneous Collections, 156.) (Tract.) 8vo. *Washington*, 1863.
- Ehrenberg** (Christian Gottfried). Biographical notice. See HANSTEIN (Johann).
- . Ueber die Dysodii genannte Mineralspecies, als ein Product aus Infusorienschalen. (Tract.) 8vo. *Leipzig*, 1839.
- . Ueber jetzt wirklich noch zahlreiche Lebende Thier-Arten der Kreideformation der Erde. (Tract.) 8vo. *Berlin*, 1839.
- . Notices of American Infusoria. (Tract.) 8vo. *London*, 1842.
- . Erweiterung seiner Mittheilungen über jetztlebende Organismen der Kreide. 8vo. *Berlin*, 1842.
- . Mikrogeologie. Das Erden und Felsen schaffende Wirken des unsichtbar kleinen selbstständigen Lebens auf der Erde. Fol. *Leipzig*, 1854.
- . Ueber das organische Leben des Meeresgrundes in bis 10800 und 12000 Fuss Tiefe. (Tract.) 8vo. *Berlin*, 1854.
- . Ueber eine auf der Insel Ischia jüngst beobachtete, zur Erläuterung einer ungarischen aus Kieselorganismen bestehenden Felsart dienende Wirkung heisser Quellen. (Tract.) 8vo. *Berlin*, 1858.

- Ehrenberg** (Christian Gottfried). Ueber machtige Gebirgs-Schichten vorherrschend aus mikroskopischen Bacillarien unter und bei der Stadt Mexiko. 4to. *Berlin*, 1869.
- . Die Sicherung der Objectivität der selbstständigen mikroskopischen Lebensformen und ihrer Organisation durch eine zweckmässige Aufbewahrung. (Tract.) 8vo. *Berlin*, 1875.
- . Fortsetzung der mikrogeologischen Studien als Gesamt-Uebersicht der mikroskopischen Paläontologie gleichartig analysirter Gebirgsarten der Erde, mit specieller Rücksicht auf den Polycystinen-Mergel von Barbados. 4to. *Berlin*, 1875.
- Ehrhardt** (Balthasar). De Belemnitis Suevicis dissertatio. 2nd edition. 2 copies. 4to. *Augsburg*, 1727.
- Ehrlich** (Carl). Ueber die nordöstlichen Alpen. (Tract.) 8vo. *Lintz*, 1850.
- . Geognostische Wanderungen im Gebiete der nordöstlichen Alpen. (Tract.) 8vo. *Lintz*, 1852.
- . ———. 2nd edition. 8vo. *Lintz*, 1854.
- Eichwald** (Eduard von). Biographical notice. See WALTHER (Chr. Fr.)
- . Naturhistorische Skizze von Lithauen, Volhynien und Podolien, in geognostisch-mineralogischer, botanischer und zoologischer Hinsicht. 2 copies. 4to. *Wilna*, 1830.
- . Die Urwelt Russlands durch Abbildungen erläutert. [Part in duplicate.] 4to. *St. Petersburg*, 1840.
- . Sur le système Silurien de l'Esthonie. (Tract.) 8vo. *St. Petersburg*, 1840.
- . Ueber Ichthyosaren und Ceratiten Russlands. (Tract.) 2 copies. *St. Petersburg*, 1842.
- . Dritter Nachtrag zur Infusorienkunde Russlands nebst einer geologischen Einleitung über Esthland und die nahegelegnen Inseln. 8vo. *Moscow*, 1852.
- . Zur Naturgeschichte des kaspischen Meeres. (Tract.) 4to. *Moscow*, 1855.
- . Lethæa Rossica, ou Paléontologie de la Russie. 5 vols. 8vo; Plates, 3 vols., 4to. *Stuttgart*, 1855–61.
- . Die Lethæa Rossica und ihre Gegner. 1^{er} & 2^e Nachtrag. (Tracts.) 8vo. *Moscow*, 1868–69.
- . Der Grünsand in der Umgegend von Moskwa. (Tract.) 8vo. *Moscow*, 1862.
- . Einige Bemerkungen über die geognostischen Karten des europäischen Russlands. (Tract.) 2 copies. 8vo. *Moscow*, 1865.
- . Die *Rhytina borealis* und der *Homocrinus dipentus* in der Lethæa Rossica. (Tract.) 8vo. *Moscow*, 1866.
- . Объ Открытіяхъ—On Coal, Graphite, and Subterraneous Heat. (Tract.) 8vo. *Moscow*?, 1866?
- . Ueber die neocomschichten Russlands. (Tract.) 8vo. *Berlin*, 1866.
- . Beitrag zur Geschichte der Geognosie und Paläontologie in Russland. (Tract.) 8vo. *Moscow*, 1867.
- . Nils von Nordenskiöld und Alexander von Nordmann nach ihren Leben und Werken. 2 copies. 8vo. *St. Petersburg*, 1870.

- Eisenlohr** (Otto). Geognostische Beschreibung des Kaiserstuhls bei Freiberg im Breisgau. (Tract.) 8vo. *Karlsruhe*, 1829.
- Ekman** (F. L.). See **IGELSTRÖM** (L. I.).
- Elie de Beaumont** (Jean Baptiste Arneaud Louis Léonce). Biographical notice. See **DAUBRÉE** (A.).—Notice of his works. See **SAINTE-CLAIRE DEVILLE** (Charles).
- . Note sur la constitution géologique des îles Baléares. (Tract.) 8vo. *Paris*, 1827.
- . Notice sur un gisement de végétaux fossiles et de Bélemnites, situé à Petit-cœur près Moutiers, en Tarentaise. (Tract.) 8vo. *Paris*, 1828.
- . Observations géologiques sur les différentes formations qui, dans le système des Vosges, séparent la formation Houillère de celle du Lias. (Tract.) 2 copies. 8vo. *Paris*, 1828.
- . Sur un gisement de végétaux fossiles et de graphite, situé au col du Chardonnet, département des Hautes-Alpes. (Tract.) 8vo. *Paris*, 1828.
- . Faits pour servir à l'histoire des montagnes de l'Oisans. (Tract.) 2 copies. 4to. *Paris*, 1829.
- . ———. Reprint. (Tract.) 8vo. *Paris*, 1834.
- . Recherches sur quelques-unes des révolutions de la surface du Globe. 8vo. *Paris*, 1829.
- . Researches on some of the Revolutions which have taken place on the Surface of the Globe, etc. (Tract.) 8vo. *London*, 1831.
- . Instructions pour les géologues de l'expédition qui se rend dans le Nord de l'Europe. (Tract.) 4to. *Paris*, 1838.
- . Instructions pour l'exploration géologique de l'Algérie. (Tract.) 4to. *Paris*, 1838.
- . Rapport sur un mémoire de M. Durocher, intitulé: Observations sur le phénomène diluvien dans le nord de l'Europe. (Tract.) 4to. *Paris*, 1842.
- . Remarques sur deux points de la théorie des Glaciers, etc. (Tract.) 8vo. *Paris*, 1842.
- . Rapport sur un mémoire de M. Alcide d'Orbigny, intitulé: Considérations générales sur la Géologie de l'Amérique méridionale. (Tract.) 2 copies. 4to. *Paris*, 1843.
- . Rapport sur un mémoire de M. F. de Castelnau, relatif au Système Silurien de l'Amérique septentrionale. (Tract.) 2 copies. 4to. *Paris*, 1843.
- . Leçons de Géologie pratique, professée au Collège de France pendant l'année scolaire 1843–1844. 2 vols. *Paris and Strasburg*, 1845–49.
- . Rapport sur un mémoire de M. P. de Tchihatcheff, relatif à la constitution géologique de l'Altaï. (Tract.) 4to. *Paris*, 1845.
- . Note relative à l'une des causes présumables des Phénomènes Erratiques. (Tract.) 8vo. *Paris*, 1847.
- . Note sur les Emanations Volcaniques et Metallifères. (Tract.) 8vo. *Paris*, 1847.
- . Note sur les systèmes de montagnes les plus anciens de l'Europe. (Tract.) 8vo. *Paris*, 1847.

- Elie de Beaumont** (Jean Baptiste Arneaud Louis Léonce). Note sur les terrains compris entre le grès vert et le calcaire grossier. (Tract.) 8vo. *Paris*, 1847.
- . Notice sur les systèmes de montagnes. 3 vols. 12mo. *Paris*, 1852.
- . Tableau des données numériques qui fixent 159 cercles du réseau pentagonal. (Tract.) 4to. *Paris*, 1863.
- . Rapport sur le progrès de la stratigraphie. 8vo. *Paris*, 1869.
- . Note sur les roches qu'on a rencontrées dans le creusement du tunnel des Alpes occidentales, entre Modane et Bardonnèche. (Tract.) 4to. *Paris*, 1871.
- etc. Rapport sur un mémoire de M. A. Bravais, relatif aux lignes d'ancien niveau de la mer dans le Finmark. (Tract.) 2 copies. 4to. *Paris*, 1842.
- —. Rapport sur un mémoire de M. Jules Itier, intitulé: Notice géologique sur la formation néocomienne dans le département de l'Ain, et sur son étendue en Europe. (Tract.) 4to. *Paris*, 1842.
- —. Rapport sur un mémoire de M. Jules Marcou, relatif à la classification des chaînes de montagnes d'une partie de l'Amérique du Nord. (Tract.) 4to. *Paris*, 1855.
- . See BRONGNIART (Alexandre), DUFRÉNOY (P. A.), LAMBERT (Ed.), LEYMÉRIE (Alexandre), PRÉVOST (Constant), SISMONDA (Angelo), and VOGT (Carl).
- and **Beudant** (F. L.). [Abstract of] The Comparative Extent of Land and Sea during the Jurassic and Cretaceous Epochs. (Tract.) 8vo. *London*, 1843.
- Ellesmere** (Earl of). Address to the Royal Geographical Society of London, delivered at the Anniversary Meeting, May 1854. (Tract.) 8vo. *London*, 1854.
- Ellet** (C.). Report on the Improvement of the Navigation across the bars at the mouths of the Mississippi river. (Tract.) 8vo. *Washington*, 1851.
- Elliot** (Henry W.). See SURVEYS: UNITED STATES.
- Elliott** (Stephen). [Review of a] Report on the Geology of North Carolina, conducted under the direction of the Board of Agriculture. By Denison Olmsted. (Tract.) 8vo. 1828.
- Ellis** (John). Essai sur l'histoire naturelle des Corallines et d'autres productions marines du même genre. 4to. *The Hague*, 1756.
- . See SOLANDER (Daniel).
- Emery** (Rush). See SURVEYS: IOWA.
- Emmerling** (Ludwig August). Lehrbuch der Mineralogie. Band i. Th. 1, and Band ii. Th. 1. 2 vols. 8vo. *Giessen*, 1799–1802.
- Emmons** (Ebenezer). The Taconic System; based on observations in New York, Massachusetts, Maine, Vermont, and Rhode Island. (Tract.) 4to. *Albany*, 1844.
- . Geological Observations. (Tract.) 8vo.
- . Geology of the Montmorenci. (Tract.) 8vo.
- . American Geology, containing a statement of the Principles of the Science. Part IV. 8vo. *Albany*, 1857.
- . Manual of Geology. 2nd edition. 8vo. *New York*, 1860.
- . See NEW YORK (Natural History of).

- Emmons** (S. F.). The Volcanoes of the United States Pacific Coast. (Tract.) 8vo. *New York*, 1877.
- . See **SURVEYS: UNITED STATES**.
- Emmrich** (Hermann Friedrich). De Trilobitis. Dissertatio petrefactologica, etc. (Tract.) 8vo. *Berlin*, 1839.
- Emory** (William H.). See **FREMONT** (J. C.) and **SURVEYS: UNITED STATES**.
- Encyclopédie Méthodique**, ou par ordre des Matières. Histoire Naturelle des Vers. Tom. I. Par M. Bruguière. 4to. *Paris*, 1792.
- . Géographie physique. Tom. I.–IV. Par M. Desmarest. 4to. *Paris*, 1795–1811.
- Endlich** (F. M.). Catalogue of Minerals found in Colorado. (Tract.) 8vo. *Washington*, 1878.
- . On the Erupted Rocks of Colorado. (Tract.) 8vo. *Washington*, 1878.
- Engelhardt** (Christian Moritz). Das Monte-Rosa- und Matterhorn-(Mont-Cervin) Gebirg, aus der Inseite seines Erhebungsbogens gen Nord; seine Ausläufer und Umgrenzung, besonders der Saasgrat mit dem Mischabeldom über dem Gletscherkrater von Fee. (Tract.) 8vo. *Paris and Strasburg*, 1852.
- Engelhardt** (Conrad). Denmark in the Early Iron Age. 4to. *London*, 1866.
- Engelhardt** (Hermann). Flora der Braunkohlen-formation im Königreich Sachsen. 4to. *Leipzig*, 1870.
- Engelhardt** (Moritz von). Geognostische Untersuchungs-Methode. 8vo. *Riga and Dorpat*, 1817.
- . Geognostischer Umriss von Finnland. [Darstellungen aus dem Felsgebäude Russlands, 1^e Lieferung.] (Tract.) Fol. *Berlin*, 1820.
- and **Raumer** (Karl von). Geognostische Versuche. (Tract.) 8vo. *Berlin*, 1815.
- ———. Geognostische Umrisse von Frankreich, Grossbritannien, einem Theile Deutschlands und Italiens. 4to. *Berlin*, 1816.
- Engelmann** (Wilhelm). Bibliotheca Historico-Naturalis. Verzeichniss der Bücher über Naturgeschichte welche in Deutschland, Scandinavien, Holland, England, Frankreich, Italien und Spanien in den Jahren 1700–1846 erschienen sind. 1^{er} Band. 8vo. *Leipzig*, 1846.
- . See **CARUS** (J. Victor).
- Engelspach-Larivière** (A.). Essai géognostique sur les environs de Saint-Pétersbourg. 8vo. *Brussels*, 1825.
- . Description géognostique du Grand-Duché de Luxembourg. 2 copies. 4to. *Brussels*, 1828.
- . Mémoire sur un silicate d'alumine. (Tract.) 8vo. *Brussels*, 1828.
- . Considérations sur les blocs erratiques de roches primordiales. (Tract.) 8vo. *Brussels*, 1829.
- Engeström** (Gustav von). Guide du voyageur aux carrières et mines de Suède. 8vo. *Stockholm*, 1796.
- . See **CRONSTEDT** (Axel Fredric).
- England**. Levels of Canals, &c. in the south of England. (Tract.) Fcap. fol. *Manuscript*.

- Englefield** (Sir Henry C.). The most expeditious method of determining altitudes, &c. (Tract.) 8vo. *London*, 1811.
- and **Webster** (Thomas). A description of the principal picturesque beauties, antiquities, and geological phenomena of the Isle of Wight. 4to. *London*, 1816.
- —. Review of their 'Picturesque beauties . . . and geological phenomena of the Isle of Wight.' (Tract.) 8vo. *Edinburgh*, 1818.
- Engler** (Adolf). Versuch einer Entwicklungsgeschichte der Pflanzenwelt, insbesondere der Florengebiete seit der Tertiärperiode. 1 Theil. 8vo. *Leipzig*, 1879.
- Engler** (Bernhard von). See **TYLOR** (Alfred).
- English** (Henry). The Mining Almanack for 1849–1851. 3 vols. 8vo. *London*, 1849–51.
- English Cyclopædia**. Natural History or second division. Supplement. By Charles Knight. 4to. *London*, 1870.
- Enniskillen** (Earl of, formerly Lord Cole). Alphabetical catalogue of the type-specimens of fossil fishes in the collection of the Earl of Enniskillen. 8vo. *London*, 1869.
- Enys** (John S.). Remarks on the intensity and quantity of the junction changes of Sussex and Cornwall, considered as mining-districts. 8vo. *London*, 1863.
- Erdmann** (Axel). Dannemora Jernmalmsfält i Upsala Län. 8vo. *Stockholm*, 1851.
- . Vägledning till Bergarternas Kännedom, med särskild hänsyn till Sveriges Geologiska Förhållanden och med fästadt afseende tillika på deras Allmänna praktiska nytta och användbarhet för Konstnärer, Byggmästare, Landtbrukare, o. s. w. 8vo. *Stockholm*, 1855.
- . Utö Jernmalmsfält i Stockholms Län. 8vo. *Stockholm*, 1855.
- . Om de iakttagelser öfver Vattenhöjdens och Vindarnes Förändringar, &c. (Tract.) 4to. *Stockholm*, 1856.
- . Några ord till belysning af den geologiska Kartan öfver Fyrisåns Dalbäcken. 8vo. *Stockholm*, 1857.
- . Beskrifning öfver Dalkarlobergs Jernmalmsfält uti Nora Socken och Örebro Län. (Tract.) 4to. *Stockholm*, 1858.
- . Lärobok i mineralogien. 8vo. *Stockholm*, 1860.
- . Exposé des formations Quaternaires de la Suède, with 4to Atlas. 8vo. *Stockholm*, 1868.
- Erdmann** (Edvard). Description de la formation carbonifère de la Scanie. (Map.) 4to. *Stockholm*, 1873.
- . Iakttagelser öfver Moränbildningar och deraf betäckta skiktade Jordlager i Skåne. (Tract.) 8vo. *Stockholm*, 1872.
- . See **SURVEYS: SWEDEN**.
- Erichson** (W. F.). See **KÜSTER** (H. C.) and **WAGNER** (J. A.).
- Erlenmeyer** (Emil). Die Aufgabe des chemischen Unterrichts gegenüber den Anforderungen der Wissenschaft und Technik. (Tract.) 4to. *Munich*, 1871.
- . Ueber den Einfluss des Freiherrn Justus von Liebig auf die Entwicklung der reinen Chemie. Eine Denkschrift. (Tract.) 4to. *Munich*, 1874.
- Ermann** (A.). Lettre sur la carte physique du Kamtschatka; chez S. Schropp. (Tract.) 4to. *Berlin*?, 1838?

- Erman (A.).** Archiv für wissenschaftliche Kunde von Russland. Heft 2. 8vo. *Berlin*, 1841.
- and **Herter (P.)** Ueber Tertiärschichten, welche die Bernstein-führende Braunkohle an der samländischen Ostseeküste bedecken. (Tract.) 8vo. *Berlin*, 1850.
- Ertborn (P. van).** See SURVEYS: BELGIUM.
- Erxleben (Johann Christian P.).** Anfangsgründe der Naturlehre. 6te Auflage. Mit Verbesserungen und vielen Zusätzen von G. C. Lichtenberg. 8vo. *Göttingen*, 1794.
- Escher von der Linth (Arnold).** Bemerkungen über das Molassegebilde der östlichen Schweiz. (Tract.) 8vo. *Zurich*, 1847.
- Ueber die Thermalquellen von Pfäfers. (Tract.) 8vo. *Zurich*, 1848.
- Geologische Bemerkungen über das nördliche Vorarlberg und angrenzenden Gegenden. (Tract.) 4to. *Geneva*, 1853.
- See **HEER (Oswald)**, **PICTET (F. J.)**, **STUDER (B.)**, and SURVEYS, SWITZERLAND, Matériaux pour la carte géologique de la Suisse.
- and **Bürkli (Arnold).** Die Wasserverhältnisse der Stadt Zürich und ihrer Umgebung. (Tract.) 8vo. *Zurich*, 1871.
- and **Studer (B.).** Geologische Beschreibung von Mittel-Bündten. (Tract.) 4to. *Neufchâtel*, 1839.
- Eschricht (Reinhardt) and Lilljeborg (W.).** Recent memoirs on the Ceteacea. Edited by W. H. Flower. (Ray Society.) 4to. *London*, 1866.
- Eschwege (W. L. von).** Geognostisches Gemälde von Brasilien, und wahrscheinliches Muttergestein der Diamanten. (Tract.) 8vo. *Weimar*, 1822.
- Beiträge zur Gebirgskunde Brasiliens. 8vo. *Berlin*, 1832.
- Esenbeck (Christ. Gottfried Nees von).** See **NEES VON ESENBECK (Christ. Gottfried).**
- Esmark (Jens).** Kurze Beschreibung einer mineralogischen Reise durch Ungarn, Siebenbürgen und das Bannat. 8vo. *Freiburg*, 1798.
- Reise fra Christiania til Trondhjem op igjennem Österdalen, og tilbage over Dovre, samt en Tour til Jemteland. (Tract.) 8vo. *Christiania*, 1829.
- Esmark (M. T.).** Om nogle nye Arter af Trilobiter. (Tract.) 8vo. *Christiania*, 1832–33.
- Esper (Johann Friedrich).** Ausführliche Nachricht von neuentdeckten Zoolithen unbekannter vierfüssiger Thiere, und denen sie enthaltenden, so wie verschiedenen andern denkwürdigen Grüften der obergebürgischen Lande des Marggrafthums Beyreuth. Fol. *Nuremberg*, 1774.
- Espine (Adolph d') and Favre (Ernest).** Observations géologiques et paléontologiques sur quelques parties des Alpes de la Savoie et du Canton de Schwyz. (Tract.) 8vo. *Geneva*, 1865.
- Espy (James P.).** Fourth Meteorological Report. (United States.) 4to. *Washington*, 1857.
- Estner (Franz Joseph Anton).** Versuch einer Mineralogie für Anfänger und Liebhaber nach . . . Werner's Methode. 3 vols. 8vo. *Vienna*, 1794.
- Etallon (A.).** Esquisse d'une description géologique du Haut-Jura et en particulier des environs de St.-Claude. (Tract.) 8vo. *Paris*, 1857.

Etallon (A.). See THURMANN (J.).

Etheridge (Robert). Palæozoic Rocks under London. (From the 'Times,' May 1877.)

——. See BRISTOW (Henry William), PHILLIPS (John); and SURVEYS, ENGLAND AND WALES, GREAT BRITAIN, MUSEUM OF PRACTICAL GEOLOGY, and WEST INDIES.

Etheridge (Robert, jun.). Note on the shells contained in the Shell-marl of the alluvial deposit of The Meadows, Edinburgh. (Tract.)

8vo. *Edinburgh*, 1873.

——. On some undescribed species of Lamellibranchiata from the Carboniferous series of Scotland. (Tract.)

8vo. *London*, 1873.

——. On the occurrence of Foraminifera (*Saccamina Carteri*, Brady) in the Carboniferous Limestone series of the East of Scotland. (Tract.)

8vo. *Edinburgh*, 1873.

——. Description of a section of the Burdiehouse Limestone and connected strata at Grange Quarry, Burntisland. (Tract.)

8vo. *Edinburgh*, 1874.

——. Notes on Carboniferous Lamellibranchiata (Monomyaria). (Tract.)

8vo. *London*, 1874.

——. On the remains of *Pterygotus* and other Crustaceans from the Upper Silurian series of the Pentland Hills. (Tract.)

8vo. *Edinburgh*, 1874.

——. Notice of additional species of fossils from the Upper Silurian series of the Pentland Hills. (Tract.)

8vo. *Edinburgh*, 1874.

——. See NICHOLSON (Henry Alleyne).

Etna. Vera relatione del nuovo incendio della montagna di Mongibello. (Tract.)

12mo. *Rome and Naples*, 1669.

——. An exact relation of the famous earthquake and eruption of Mount Ætna, or Mont Gibello, A.D. 1669, reprinted from a scarce pamphlet, containing a letter from the Earl of Winchelsea to his Majesty King Charles the Second, &c. 2 copies.

8vo. *London*, 1775.

——. See E*** (W. B.).

Etter (C.). See MUSEUMS. St. Petersburg.

Ettingshausen (Constantin von). Die Proteaceen der Vorwelt. (Tract.)

8vo. *Vienna*, 1851.

——. Begründung einiger neuen oder nicht genau bekannten Arten der Lias- und der Oolithflora. (Tract.) 2 copies.

4to. *Vienna*, 1852.

——. Beitrag zur Flora der Wealdenperiode. (Tract.)

Long 4to. *Vienna*, 1852.

——. Beitrag zur fossilen Flora von Wildshuth in Oberösterreich. (Tract.)

8vo. *Vienna*, 1852.

——. Die Steinkohlenflora von Stradonitz in Böhmen. (Tract.)

8vo. *Vienna*, 1852.

——. Fossile Pflanzenreste aus dem trachytischen Sandstein von Heiligenkreuz bei Kremnitz. (Tract.)

4to. *Vienna*, 1852.

——. Ueber fossile Pandaneen. (Tract.)

8vo. *Vienna*, 1852.

——. Ueber fossile Proteaceen. (Tract.)

8vo. *Vienna*, 1852.

——. Ueber *Palæobromelia*, ein neues fossiles Pflanzengeschlecht. (Tract.)

4to. *Vienna*, 1852.

——. Ueber die fossile Flora des Monte Promina in Dalmatien. (Tract.)

8vo. *Vienna*, 1853.

- Ettingshausen** (Constantin von). Beitrag zur Kenntniss der fossilen Flora von Tokay. (Tract.) 8vo. *Vienna*, 1854.
- . Die Steinkohlenflora von Radnitz in Böhmen. (Tract.) 4to. *Vienna*, 1854.
- . Die tertiäre Flora von Häring in Tirol. (Tract.) 4to. *Vienna*, 1855.
- . Ueber die Entdeckung des neuholländischen Charakters der Eocenflora Europa's, &c. (Tract.) 8vo. *Vienna*, 1862.
- . Ueber die Blattskelette der Loranthaceen. (Tract.) 4to. *Vienna*, 1871.
- . Die fossile Flora von Sagor in Krain. Theil I. & II. (Tracts.) 4to. *Vienna*, 1872–77.
- . Die genetische Gliederung der Flora Australiens. (Tract.) 4to. *Vienna*, 1875.
- . Ueber die genetische Gliederung der Cap-Flora. (Tract.) 8vo. *Vienna*, 1875.
- . Beiträge zur Erforschung der Phylogenie der Pflanzenarten. (Tract.) 4to. *Vienna*, 1877.
- . Beiträge zur Kenntniss der fossilen Flora von Parschlug in Steiermark. I. Blattpilze und Moose. (Tract.) 4to. *Vienna*, 1877.
- . Report on Phyto-Palæontological investigations generally, and on those relating to the Eocene flora of Great Britain in particular. (Tract.) 8vo. *London*, 1878.
- . See **DEBEY** (Matthias Hubert), and **SERIALS, ETC., LONDON**, Palæontographical Society.
- Eudes-Deslongchamps** (Eugène and J. A.). See **DESLONGCHAMPS** (Eugène Eudes- and J. A. Eudes-).
- 'Eugenies' Expedition**. Kongliga Svenska fregatten, *Eugenies* Resa omkring Jorden under befäl af C. A. Virgin. Åren 1851–1853. Befallning utgifna af K. Svenska Vetenskaps-Akademien. 4to. *Stockholm*, 1857–64.
- 1, 11. Botanik, i. ii. (Om Galápagos-Öarnes Vegetation; af N. J. Andersson), 1857–1861.
- 2, 4, 6, 7, 10. Zoologi, i.–v., 1857–1861.
- 3, 8, 13. Fysik, i.–iii., 1858–1864.
- 5, 9, 14. Physique, i.–iii., 1858–1861.
- Euphrates Expedition**. See **AINSWORTH** (William).
- Evans** (Caleb). On some sections of Chalk between Croydon and Oxted, with observations on the classification of the Chalk. (Tract.) 8vo. *London*, 1870.
- Evans** (John). On flint implements from Reigate. (Tract.) 8vo. *London*, 1860.
- . Flint implements in the Drift; being an account of their discovery on the Continent and in England. (Tract.) 4to. *London*, 1860.
- . Flint implements in the Drift; being an account of further discoveries on the Continent and in England. (Tract.) 4to. *London*, 1862.
- . An Address delivered in the department of Ethnology and Anthropology—British Association for the Advancement of Science. (Tract.) 8vo. *London*, 1870.

- Evans (John).** The ancient stone implements, weapons, and ornaments of Great Britain. 8vo. *London*, 1872.
- . Address delivered at the Anniversary Meeting of the Geological Society of London, 1875. (Tract.) 8vo. *London*, 1875.
- . Address delivered at the Anniversary Meeting of the Geological Society of London, 1876. (Tract.) 8vo. *London*, 1876.
- . An Address delivered in the department of Geology—British Association, Dublin, 1878. (Tract.) 8vo. *London*, 1878.
- . Note on a proposed international code of symbols for use on archæological maps. (Tract.) 8vo.
- . See PRESTWICH (Joseph).
- Evans (Thomas).** See REPORTS, PARLIAMENTARY. Mines.
- Everest (George).** An account of the measurement of the sections of the Meridional Arc of India. 2 vols. 4to. *London*, 1847.
- Everest (Robert).** On the influence of social degradation in producing pauperism and crime. (Tract.) 8vo. *London*, 1854.
- . A journey through Norway, Lapland, and part of Sweden. 8vo. *London*, 1829.
- . A journey through the United States and part of Canada. 8vo. *London*, 1855.
- Everett (J. D.)** Illustrations of the centimetre-gramme-second (C. G. S.) system of units. (Published by the Physical Society.) 8vo. *London*, 1875.
- Eversmann (Eduard).** Additamenta quaedam levia ad Fischeri de Waldheim celeberrimi *Orthoptera Rossica*. See FISCHER DE WALDHEIM (Gotthelf): Jubilæum, &c. Fol. *Moscow*, 1847.
- Ewing W. C.)** See WOODWARD (Samuel).
- Exhibition of 1823 (Paris).** See HÉRON DE VILLEFOSSE (A. M.).
- Exhibition of 1851 (London).** Report of the Juries on the subjects in the thirty classes into which the Exhibition was divided. 8vo. *London*, 1852.
- . Reports of the Commissioners . . . to the Right Hon. S. H. Walpole, etc.: ii., iii., iv., v. (2 copies), and vi. 8vo. *London*, 1852, 1856, 1861, 1867.
- . Report.—Class X. Philosophical Instruments and Processes depending on their use. By James Glaisher. 8vo. *London* 1851.
- . Tasmanian contributions to the Exhibition of the Industry of all Nations. Fol. *Tasmania*, 1851.
- . See DILKE (Sir Charles Wentworth) and DUFRÉNOY (P. A.).
- Exhibition of 1854 (Florence).** Catalogo dei prodotti naturali e industriali della Toscana, presentati all'esposizione nell'I. E. R. Istituto tecnico. 2nd edition. 8vo. *Florence*, 1854.
- Exhibition of 1854? (New York).** See REPORTS, PARLIAMENTARY.
- Exhibition of 1855 (Madras).** Exhibition of Raw Products, Arts, and Manufactures of Southern India, 1855. Reports by the Juries. (Tract.) 4to. *Madras*, 1856.
- Exhibition of 1855 (Paris).** Brazil. Relatorio sobre a Exposição Universal da Industria de 1855. Trabalhos da Comissão Brasileira. Por Giacomo Raja Gabaglia. 8vo.
- . Great Britain. Catalogue of the works exhibited in the British section of the Exhibition. 8vo. *London*, 1855.

- Exhibition of 1855** (Paris). Metals. Reports on the Paris Universal Exhibition.—Part II. (Metals.) 8vo. *London*, 1856.
- . Report on general metal-work.—Part I. and Supplement. By Alfred Tylor. 8vo. *London*, 1857
- . Tasmania. Tasmanian contributions to the Universal Exhibition of Industry. Fol. *Tasmania*, 1855.
- . See LOGAN (W. E.).
- Exhibition of 1861**. Why it should be. What it should be. Where it should be. (Tract.) 8vo. *London*, 1859.
- Exhibition of 1861** (Florence). Esposizione Italiana, 1861. Consiglio dei Giurati.—Classe VI. Cenno sommario sui giudizi emessi dalla Commissione dei Giurati a tutto settembre 1861. (Tract.) 8vo. *Florence*, 1861.
- . ——. Relazioni dei Giurati.—Classe VI. Carte e raccolte geologiche, mineralogiche, e litologiche. Arte delle miniere e metallurgia. Armi. Sezione secunda. Industria mineraria e metallurgica. By C. Perazzi. (Tract.) 2 copies. 8vo. *London*, 1863.
- Exhibition of 1861** (Victoria). Catalogue of the Victorian Exhibition, 1861; with prefatory essays, indicating the progress, resources, and physical characteristics of the colony. 2 copies. 8vo. *Melbourne*, 1861.
- . Report on Class III. Indigenous vegetable substances. (Tract.) 8vo. *Melbourne*, 1862.
- . Essais divers, servant d'introduction au catalogue de l'exposition des produits de la Colonie de Victoria. Par W. H. Archer, Ferd. Müller, R. Brough Smyth, Prof. Neumayer, F. M'Coy, A. R. C. Selwyn, and W. Birkmyre. 8vo. *Melbourne*, 1861.
- . Die Colonie Victoria in Australien; ihr fortschritt, ihre Hilfsquellen und ihr physikalischer Charakter. Von W. H. Archer, etc. 8vo. *Melbourne*, 1861.
- Exhibition of 1862** (London). Jurors' Reports. Class XXXI. Manufactures in iron, copper, &c., and general hardware. By Alfred Tylor. (Tract.) 4to. *London*, 1862.
- . Algeria. Catalogue spécial accompagné de notices historiques et statistiques sur les produits agricoles et industriels de l'Algérie. (Tract.) 8vo. *Paris*, 1862.
- . Aluminium. Reference to the specimens . . . of aluminium and aluminium-bronze. (Tract.) 8vo. *London*, 1862.
- . Austria. The Imperial and Royal Geological Institute of the Austrian Empire. (Catalogue.) 8vo. *Vienna*, 1862.
- . Canada. Geological Survey of Canada. Descriptive catalogue of a collection of the economic minerals of Canada and of its crystalline rocks. 8vo. *Montreal* 186
- . ——. The City of Hamilton, Canada West; its position, resources, etc. 8vo. *Hamilton*, 1862.
- . Ceylon. A catalogue of contributions to the Ceylon Court. (Tract.) 8vo. *London*, 1862.
- . France. Section Française. Catalogue officiel. 8vo. *Paris*, 1862.
- . French Colonies. Catalogue des produits des Colonies Françaises. (Tract.) 8vo. *Paris*, 1862.

- Exhibition of 1862 (London).** India. Official classified and descriptive catalogue of the contributions from India. By A. M. Dowleams. 4to. *Calcutta*, 1862.
- Iron. Description of articles from the Low Moor Iron-works. 8vo. *London*, 1862.
- Italy. Kingdom of Italy. Official descriptive catalogue. 8vo. *London*, 1862.
- —. Regno d'Italia. Catalogo descrittivo pubblicato per cura del R. Comitato Italiano. Mineralogia et Geologia. 8vo. *Florence*, 1862.
- Metallurgy. [Departments of metallurgy represented in the Exhibition.] Newspaper cutting. *London*, 1862.
- Metals, etc. Matériaux de construction. Par M. Delesse. (Tract.) 8vo. *Paris*, 1863.
- Mining, etc. Handbook to the industrial department of the International Exhibition of 1862.—Part I. Class I. Mining, quarrying, metallurgy, and mineral Products. By Robert Hunt. 8vo. *London*, 1862.
- New South Wales. Catalogue of the natural and industrial Products of New South Wales. (Tract.) 8vo. *Sydney*, 1861.
- —. Catalogue of the natural and industrial Products of New South Wales. 2 copies. 8vo. *London*, 1862.
- Nova Scotia. Catalogue of the Nova-Scotian department. (Tract.) 8vo. *Halifax, N. S.*, 1862.
- Portugal. Catalogue des produits minéraux du Portugal. (Tract.) 8vo. *London*, 1862.
- Prussia. Official catalogue of the mining and metallurgical Products; Class I. in the Zollverein department, compiled under the immediate direction of Mr. von Dechen by Dr. H. Wedding. (Tract.) 2 copies. 8vo. *Berlin*, 1862.
- —. Special catalogue of the Zollverein department. (Tract.) 8vo. *Berlin*, 1862.
- South Australia. Catalogue of articles, the produce of South Australia, exhibited in the South Australian Court. (Tract.) 8vo. *London*, 1862.
- Spain. Spanish department. Official catalogue. 8vo. *London*, 1862.
- —. Class X. Civil Engineering. Model of the passage of the Tudela and Bilbao Railway across the chain of the Cantabrian Pyrenees, through the Basque Provinces in the North of Spain. Designed and exhibited by C. Vignoles. (Tract.) 8vo. *London*, 1862.
- Tasmania. The products and resources of Tasmania. Compiled by George Whiting; with an Appendix, . . . on the vegetable products . . . by W. Archer; and on the climate . . . by E. S. Hall. 8vo. *Hobart Town*, 1862.
- United States. A large collection of American Minerals, containing many hundred unique specimens of gigantic crystals and ores. 8vo. *New York*, 1862.
- Vancouver Island. Catalogue of the Minerals of Vancouver Island. MS. *Fcap. London*, 1862.

Exhibition of 1862 (London). Wales. List of the gold ores from Merionethshire, North Wales. Exhibited by T. A. Readwin. (Tract.) 8vo. *London*, 1862.

——. Western Australia. Descriptive catalogue of the collection of Products and Manufactures contributed by the Colony of Western Australia. (Tract.) 8vo. *London*, 1862.

——. See KÖRÖSMICS (Ladislas), Chief products of Hungary; and LINNETT (Frederick).

Exhibition of 1865 (Dublin). Kingdom of Italy. Official catalogue, illustrated with engravings, published by order of the Royal Italian Commission. 2nd edition. 8vo. *Turin*, 1865.

——. New Zealand. Reports and Awards of the Jurors. 8vo. *Dunedin*, 1866.

——. See BAGOT (Andrew H.).

Exhibition of 1867 (Paris). Official and other correspondence, etc., relating to the plan promulgated by M. Le Play, the French Commissioner-General, for the Exhibition Palace, by G. Maw and E. J. Payne. (Tract.) 8vo. *London*, 1866.

——. Rapports du Jury International. 8vo. *Paris*, 1868.

——. Reports of artisans selected by a Committee appointed by the Council of the Society of Arts to visit the Paris Universal Exhibition, 1867. 8vo. *London*, 1867.

——. British Guiana. Catalogue of contributions transmitted from British Guiana. 8vo. *London*, 1867.

——. Canada. Esquisse géologique du Canada, suivi d'un catalogue descriptif de la collection envoyée à l'Exposition. 8vo. *Paris*, 1867.

Exhibition of 1868 (Havre). International Maritime Exhibition. (Tract.) 8vo. *London*, 1868.

Exhibition of 1871 (Cordoba, Argentine Republic). La Exposicion Nacional. Año 1871: Publication autorizada por la Comision directiva de la Exposicion. Núm. 1-15. 4to. *Córdoba*, 1871-72.

Exhibition of 1873 (Vienna). Brazil. The Empire of Brazil at the Universal Exhibition of 1873. 8vo. *Rio de Janeiro*, 1873.

——. Die Ausstellung der geologischen Landes-Untersuchung Schwedens auf der Weltausstellung in Wien, 1873. (Tract.)

8vo. *Stockholm*, 1873.

—— (London). See VICTORIA.

Exhibition of 1875 (Rio de Janeiro). Brazil. Catalogo da Exposicao de Obras publicas do Ministerio da Agricultura. Suplemento N. 1 ao catalogo da Exposicao nacional em 1875. (Tract.)

8vo. *Rio de Janeiro*, 1876.

Exhibition of 1876 (Philadelphia). Canada. Descriptive catalogue of a collection of the economic Minerals of Canada, and notes on a stratigraphical collection of Rocks, by A. R. C. Selwyn.

8vo. *Montreal*, 1876.

——. New South Wales. Intercolonial and Philadelphia International Exhibition. Mines and mineral statistics of New South Wales, and notes on the geological collection of the department of Mines; also remarks on the sedimentary formations of N. S. Wales, by Rev. W. B. Clarke; and notes on the iron and coal deposits, Wallerawang, and on the diamond-fields, by Professor Liversidge. 2 copies. 8vo. *Sydney*, 1875.

- Exhibition of 1876** (Philadelphia). Victoria. Official record, containing catalogues, etc., and essays and statistics on the social and economic resources of the Colony of Victoria. 8vo. *Melbourne*, 1875.
- Exhibition of 1878** (Paris). France &c. Guide du géologue à l'Exposition Universelle de 1878 et dans les collections publiques et privées de Paris. (Tract.) 8vo. *Paris*, 1878.
- . France. Notices relatives à la participation du ministère des travaux publics à l'Exposition Universelle, en ce qui concerne le Corps des Mines, France. 8vo. *Paris*, 1878.
- . Peru. Le Pérou en 1878. Notice historique et statistique, suivie du catalogue des exposants. Par L. E. Albertini. (Tract.) 8vo. *Paris*, 1878.
- . Russia. Aperçu des richesses minérales de la Russie d'Europe, publiée par le Département des Mines du ministère du domaine de l'État. (Tract.) 4to. *Paris*, 1878.
- . See VOM RATH (G.)
- Eyries** (J. B. B.). See BACH (J. F.).
- Eyton** (Robert H.). See REPORTS, COLONIAL. New Zealand.
- Ezquerria del Bayo** (Joaquin). Descripción geológica del terreno donde surten las Aguas termales en las inmediaciones de Fitero, Provincia de Navarra. (Tract.) 8vo. *Madrid*, 1850.
- . Die Bergwerke von Hiendelencina in der Provinz Guadalajara, Spanien. (Tract.) 8vo. *Stuttgart?*, 1850.
- . Essayo de una descripción general de la estructura geológica del terreno de España en la Península. (Tract.) 2 copies. 4to. *Madrid*, 1850–57.
- . Elementos de laboreo de minas. 2nd edition. 8vo. *Madrid*, 1851.
- . Geognostische Uebersichts-Karte von Spanien; erläutert von Dr. Gustav Leonhard. (Tract.) 2 copies. 8vo. *Stuttgart*, 1851.
- . See LYELL (Sir Charles).

F.

- F * * *** On the Geological System of Werner. (Tract.) 2 copies. 8vo. *London*, 1813.
- F * * *** (J.). See PARACELSUS and SANDIVOGIUS (Micheel).
- Fairbairn** (William). An account of the Construction of the Britannia and Conway Tubular Bridges. 8vo. *London*, 1849.
- . On the application of Cast and Wrought Iron to Building-purposes. 8vo. *London*, 1854.
- . Useful information for Engineers. 8vo. *London*, 1856.
- Fairbanks** (Samuel P.). See REPORTS, COLONIAL. Nova Scotia.
- Fairholme** (George). A general view of the Geology of Scripture. 8vo. *London*, 1833.
- . New and conclusive physical demonstrations both of the Fact and Period of the Mosaic Deluge. 8vo. *London*, 1837.
- Fairman** (Edward St. John). Geology and Agriculture. (Tract.) 8vo. *Florence*, 1867.
- . [Sain Gon.] Ghirghis Mahomed, or Reports of the New Egyptian Parliament (1st Session), shewing the way things are done in Egypt, etc. 8vo. *Jericho (Pisa)*, 1867.

- Fairman** (Edward St. John). *A Treatise on the Petroleum Zones of Italy.* (Tract.) 8vo. *London*, 1868.
- . *I Petrolii in Italia.* 8vo. *Florence*, 1869.
- . [Wassa Effendi.] *The Truth on Albania and the Albanians, historical and critical.* (Tract.) 8vo. *London*, 1879.
- Falb** (Rudolf). *Gedanken und Studien über den Vulcanismus.* 8vo. *Graz*, 1875.
- Falconer** (Hugh). *On the American Fossil Elephant of the regions bordering the Gulf of Mexico, etc.* (Tract.) 8vo, *London*, 1863.
- . *Palæontological Memoirs and Notes. With a biographical sketch of the author. Compiled and edited by Charles Murchison.* 2 vols. 2 copies. 8vo. *London*, 1868.
- and **Cautley** (Sir Proby T.). *Sivatherium giganteum, a new fossil ruminant genus from the valley of the Markanda, in the Siválik Branch of the Sub-Himálayan Mountains.* (Tract.) 4to. *Calcutta*, 1835.
- ——. *Note on the Felis cristata, a new fossil Tiger from the Siválik Hills.* (Tract.) 4to. *Calcutta*, 1836.
- ——. *Note on the fossil Camel of the Siválik Hills.* (Tract.) 4to. *Calcutta*, 1836.
- ——. *Note on the fossil Hippopotamus of the Siválik Hills.* (Tract.) 4to. *Calcutta*, 1836.
- ——. *Fauna Antiqua Sivalensis, being the fossil zoology of the Sewálik Hills, in the North of India. Edited by Hugh Falconer.* Letterpress 8vo. Illustrations, including a series of photographs of the unpublished plates, fol. *London*, 1846.
- ——. See CAUTLEY (Sir Proby T.).
- and **Walker** (H.). *Descriptive catalogue of the remains of Vertebrata from the Sewálik Hills, the Nerbudda, Perim Island, etc., in the Museum of the Asiatic Society of Bengal.* 8vo. *Calcutta*, 1859.
- Falconer** (Thomas). See FALCONER (William).
- Falconer** (William). *Dissertation on St. Paul's Voyage from Cæsarea to Puteoli; and on the Apostle's shipwreck on the Island Melite.* 2nd edition, with additional notes by Thomas Falconer. 8vo. *London*, 1870.
- . ——. 3rd edition, with notes by Thomas Falconer. 8vo. *London*, 1872.
- Falconi** (Biase Antonio delli). *Gli terrori del titubante Vesuvio.* (Tract.) 12mo. *Naples*, 1632.
- Fallaux** (Cornelius). See HOHENEGGER (Ludwig).
- Fallou** (Friedrich Albert). *Gluckauf aus Waldheim.* 4to. *Moscow*, 1847.
- Falsan** (Albert). See SAPORTA (G. de).
- and **Chantre** (Ernest). *Appel aux amis des sciences naturelles pour le tracé d'une carte géologique du terrain et des blocs erratiques des environs de Lyon, du nord du Dauphiné, de la Dombes et du midi du Bugey, et pour la conservation des blocs erratiques dans les mêmes regions.* (Tract.) 8vo. *Paris and Lyons*, 1868.
- and **Dumortier** (E.). *Note sur les terrains subordonnés aux gisements de Poissons et de Végétaux Fossiles du Bas-Bugey.* 8vo. *Lyons and Paris*, 1873.

- Fantuzzi** (Marco Ginanni). Osservazioni di Geogonia. Cap. I. (Tract.)
4to. *Rome*, 1859.
- Faraday** (Michael). Chemical Manipulation. 8vo. *London*, 1827.
- . On the peculiar class of acoustical figures, and on the forms of fluids vibrating on elastic surfaces. (Tract.)
4to. *London*, 1831.
- . Experimental researches in Electricity. Series I.—XI. (Tracts.)
4to. *London*, 1832–38.
- . Experimental Researches in Electricity, 30th series. (Tract.)
4to. *London*, 1856.
- . On the Magneto-electric Spark and Shock, and on a peculiar condition of Electric and Magneto-electric Induction, and additional observations. (Tracts.) 8vo. *London*, 1834.
- . Reply to Dr. John Davy's "Remarks on certain Statements of Mr. Faraday contained in his 'Researches in Electricity.'" (Tract.)
8vo. *London*, 1835.
- . Letter to Mr. Brayley on some former Researches relative to the peculiar Voltaic Condition of Iron reobserved by Professor Schönbein. (Tract.) 8vo. *London*, 1836.
- . Notice of the Magnetic Action of Manganese at Low Temperatures, as stated by M. Berthier. (Tract.) 8vo. *London*, 1836.
- . On a supposed new Sulphate and Oxide of Antimony. (Tract.)
8vo. *London*, 1836.
- . On the general Magnetic Relations and Characters of the Metals. (Tract.) 8vo. *London*, 1836.
- . On the History of the Condensation of the Gases, in reply to Dr. Davy, introduced by some Remarks on that of Electro-magnetic Rotation. (Tract.) 8vo. *London*, 1836.
- . On the Physical Character of the lines of Magnetic Force. (Tract.)
8vo. *London*, 1852.
- . On some points of Magnetic Philosophy. (Tracts.)
8vo. *London*, 1855.
- and **Riess** (P.). On the action of non-conducting bodies in Electric Induction. (Tract.) 8vo. *London*, 1856.
- . See **LYELL** (*Sir Charles*) and **SCHÖNBEIN** (C. T.).
- Farey** (John). Observations on a late Paper by Dr. William Richardson, respecting the Basaltic district in the North of Ireland, etc. (Tract.)
8vo. *London*, 1809.
- . A List of about 280 Mines of Lead, some with zinc, manganese, etc., in and near to Derbyshire. (Tract.) 8vo. *London*, 1810.
- . A List of about five hundred Collieries in and near to Derbyshire. (Tract.) 8vo. *London*, 1810.
- . A List of about 700 Hills and Eminences in and near to Derbyshire, etc. (Tract.) 8vo. *London*, 1811.
- . General view of the Agriculture and Minerals of Derbyshire. 2 vols. 8vo. *London*, 1811–13.
- . An Account of the Great Derbyshire Denudation. (Tract.)
8vo. *London*, 1812.
- . Geological Observations, in Correction of and Addition to the Paper on the Great Derbyshire Denudation, etc. (Tract.) 2 copies.
8vo. *London*, 1812.

- Farey** (John). Geological Observations on the County of Antrim, and others in the North-east part of Ireland, etc. (Tracts.)
8vo. *London*, 1812.
- . Short Notices of Geological Observations made in the summer of 1814, in the South of Yorkshire and in North Wales, and of some inferences therefrom as to the Structure of England and Wales. (Tract.)
8vo. *London*, 1815.
- . See **CUVIER** (G.).
- Faudel** (—). Note sur la découverte d'ossemens fossiles humains dans le Lehm de la vallée du Rhin à Eguisheim, près Colmar. (Tract.)
8vo. *Colmar*, 1867.
- Faujas-de-Saint-Fond** (Barthélémy). Mémoire sur des Bois de Cerfs fossiles trouvés dans les environs de Montélimar en Dauphiné. (Tract.)
4to. *Grenoble*, 1776.
- . Recherches sur les volcans éteints du Vivarais et du Velay.
Fol. *Grenoble* and *Paris*, 1778.
- . Essai sur l'histoire des roches de Trapp. (Tract.)
8vo. *Paris*, 1788.
- . Travels in England, Scotland, and the Hebrides; undertaken for the purpose of examining the state of the Arts, the Sciences, Natural History, and Manners, in Great Britain. 2 vols.
8vo. *London*, 1799.
- . Histoire naturelle de la montagne de Saint-Pierre de Maestricht.
4to. *Paris*, 1799.
- . Essai de Géologie, ou Mémoires pour servir à l'histoire naturelle du globe. 2 vols.
8vo. *Paris*, 1809.
- . Système minéralogique des volcans.
8vo. *Paris*, 1809.
- . Des émaux, des verres et des pierres poncees des volcans brulans et des volcans éteints. (Tract.)
4to. *Paris*, 1816.
- . Histoire naturelle de diverses substances minérales siliceuses passées à l'état des Pechsteins, ou Pierres de Poix, par l'action des feux souterrains. (Tract.) 5 copies.
4to. *Paris*, 1816.
- . Notice sur des plantes fossiles renfermées dans un schiste marneux des environs de Chaumerac et de Roche-Sauve, Département de l'Ardèche. (Tract.)
4to. *Paris*, 1816.
- . See **PALISSY** (Bernard) and **SPALLANZANI** (L.).
- Favre** (Alphonse). Remarques sur les Anthracites des Alpes. (Tract.)
4to. *Geneva*, 1841.
- . Considérations géologiques sur le Mont Salève et sur les terrains des environs de Genève. (Tract.)
4to. *Geneva*, 1843.
- . Observations sur les Diceras. (Tract.)
4to. *Geneva*, 1843.
- . Observations sur la position relative des terrains des Alpes Suisses occidentales et des Alpes de la Savoie. (Tract.)
8vo. *Paris*, 1847.
- . Recherches géologiques faites dans les environs de Chamounix en Savoie. (Tract.) 2 copies.
8vo. *Geneva*, 1848.
- . Notice sur la géologie de la vallée du Reposoir en Savoie, et sur des roches contenant des Ammonites et des Bélemnites superposées au terrain Nummulitique. With MS. note. (Tract.) 2 copies.
8vo. *Geneva*, 1849.
- . Notice sur la géologie du Tyrol Allemand et sur l'origine de la dolomie. (Tract.) 2 copies.
8vo. *Geneva*, 1849.

- Favre (Alphonse).** Sur la présence de la craie blanche dans les Alpes de la Savoie ou plutôt à la jonction des Alpes et du Jura. (Tract.) 8vo. *Geneva*, 1852.
- . Notice sur les Systèmes des Montagnes, par M. L. Élie de Beaumont. (Tract.) 8vo. *Geneva*, 1853.
- . Notice—Siluria, histoire des roches les plus anciennes, etc., par Sir R. I. Murchison. (Tract.) 8vo. *Geneva*, 1855.
- . Mémoire sur les tremblements de terre ressentis en 1855. (Tract.) 8vo. *Geneva*, 1856.
- . Recherches sur les minéraux artificiels. (Tract.) 8vo. *Geneva*, 1856.
- . Notice sur la géologie des bases de la montagne du Mole en Savoie. (Tract.) 8vo. *Geneva*, 1857.
- . Observations relatives aux lettres sur la constitution géologique de quelques parties de la Savoie adressées par M. Ange Sismonda à M. Élie de Beaumont. (Tract.) 8vo. *Paris*, 1858.
- . Mémoire sur les terrains liassique et keupérien de la Savoie. (Tract.) 8vo. *Geneva*, 1859.
- . Observations relatives à la note de M. Emile Benoit sur les terrains tertiaires entre le Jura et les Alpes. (Tract.) 8vo. *Paris*, 1860.
- . Note sur le terrain houiller et sur le terrain nummulitique de la Maurienne. (Tract.) 8vo. *Paris*, 1861.
- . Notice sur la réunion extraordinaire de la Société géologique de France à Saint-Jean-de-Maurienne, Savoie. (Tract.) 8vo. *Paris*, 1861.
- . Explication de la carte géologique des parties de la Savoie, du Piémont et de la Suisse voisines du Mont-Blanc. 8vo. *Geneva*, 1862.
- . Précis d'une histoire du terrain houiller des Alpes. (Tract.) 8vo. *Geneva*, 1865.
- . Sur la structure en éventail du Mont-Blanc. (Tract.) 8vo. *Geneva*, 1865.
- . Note sur le terrain triasique de la Savoie, suivi d'une lettre de Ch. Lory. (Tract.) 8vo. *Paris*, 1867.
- . Rapport sur les travaux de la Société de Physique et d'Histoire Naturelle de Genève de juin 1866 à mai 1867. (Tract.) 4to. *Geneva*, 1867.
- . Recherches géologiques dans les parties de la Savoie, du Piémont et de la Suisse voisines du Mont Blanc, avec un atlas de 32 planches. 3 vols., 8vo; Atlas, 4to. *Paris and Geneva*, 1867.
- . Station de l'homme de l'âge de la pierre à Vierrier près de Genève. (Tract.) 8vo. *Paris*, 1868.
- . De l'existence de l'homme à l'époque tertiaire. (Tract.) 8vo. *Paris*, 1870.
- . H. B. de Saussure et les Alpes. (Tract.) 8vo. *Lausanne*, 1870.
- . Notice sur la conservation des blocs erratiques et sur les anciens glaciers du revers septentrional des Alpes. (Tract.) 8vo. *Geneva*, 1876.

- Favre** (Alphonse). Rapport du Président de la Société de Physique et d'Histoire Naturelle de Genève pour la période annuelle du 31 mai 1876 au 1^r juin 1877. (Tract.) 8vo. *Geneva*, 1877.
- . Expériences sur les effets des refoulements ou écrasements latéraux en géologie. (Tract.) 8vo. *Geneva*, 1878.
- . Sur une défense d'éléphant trouvée au Bois de la Batie, près de Genève, et sur les éléphants fossiles recueillis en Suisse. (Tract.) 8vo. *Geneva*, 1878.
- . Description géologique du Canton de Genève. 2 vols. 8vo. *Geneva*, 1880.
- and **Soret** (Louis). Rapport sur l'étude et la conservation des blocs erratiques en Suisse. (Tract.) 8vo. *Geneva*, 1868.
- Favre** (Ernest). Description des mollusques fossiles de la craie des environs de Lemberg en Galicie. 2 copies. 4to. *Geneva and Basle*, 1869.
- . Etudes sur la Géologie des Alpes. I. Le massif du Moléson et les montagnes environnantes dans le Canton de Fribourg. (Tract.) 8vo. *Geneva and Basle*, 1870.
- . Revue des travaux relatifs à la Géologie et à la Paléontologie de la Suisse pendant les années 1869–1872. (Tracts.) 8vo. *Geneva*, 1870–72.
- . Revue Géologique Suisse, pour les années 1873–1878. (Tracts.) 8vo. *Geneva, Basle, and Lyons*, 1874–79.
- . Description des Fossiles du terrain Jurassique de la montagne des Voirons (Savoie). (Schw. paläont. Gesellschaft.) 4to. *Basle and Geneva*, 1875.
- . ———. (Tract.) 4to. *Basle and Geneva*, 1875.
- . Recherches géologiques dans la partie centrale de la Chaîne du Caucase. 4to. *Geneva, Basle, and Lyons*, 1875.
- . Description des fossiles du terrain Oxfordien des Alpes Fribourgeoises. (Schw. paläont. Gesellschaft.) 4to. *Basle and Geneva*, 1876.
- . ———. (Tract.) 4to. *Basle and Geneva*, 1876.
- . Etude stratigraphique de la partie sud-ouest de la Crimée; suivi de la description de quelques Echinides de cette région par P. de Loriol. (Tract.) 4to. *Geneva, Basle, and Lyons*, 1877.
- . La zone à *Ammonites acanthicus* dans les Alpes de la Suisse et de la Savoie. (Schw. paläont. Gesellschaft.) 4to. *Basle and Geneva*, 1877.
- . ———. (Tract.) 4to. *Basle and Geneva*, 1877.
- . Quelques remarques sur l'origine de l'Alluvion Ancienne. (Tract.) 8vo. *Geneva*, 1877.
- . See **ESPINE** (Adolphe d') and **SERIALS, ETC.**: SWITZERLAND.
- Faye** (H. A. E.). Sur la situation actuelle du Bureau des Longitudes. (Tract.) 4to. *Paris*, 1873.
- Featherstonhaugh** (G. W.). Geological Report of an examination made in 1834 of the elevated country between the Missouri and Red Rivers. 2 copies. 8vo. *Washington*, 1835.
- . Excursion through the Slave States, from Washington on the Potomac to the frontier of Mexico, with sketches of popular manners and geological notices. 2 vols. 8vo. *London*, 1844.

- Fehr** (Johann Michael). *Anchora Sacra, vel Scorzonera, ad normam et formam Academiae Naturæ-curiosorum elaborata, anno salutiferi partûs MDCLXVI. Accessit Schediasma curiosum de Unicornu fossili Joh. Laurentii Bausch. (Tract.)* 8vo. *Breslau*, 1666?
- Feilden** (H. W.). *The Post-tertiary beds of Grinnell Land and North Greenland, and Note by J. Gwyn Jeffreys. (Tract.)* 8vo. *London*, 1877.
- Feistmantel** (Ottokar). *On some Fossil Plants from the Damuda Series in the Raniganj Coalfield, collected by Mr. J. Wood-Mason. (Tract.)* 8vo. *Calcutta*, 1876.
- . *Ueber das Verhältniss gewisser fossilen Floren und Landfaunen untereinander und zu den gleichzeitigen Meeresfaunen in Indien, Afrika und Australien. (Tract.)* 8vo. *Calcutta*, 1877.
- Feistmantel** (C.). See KREJČÍ (J.).
- Felton** (C. C.). See GUYOT (Arnold).
- Fennell** (R.). *Geology. Remarks on Bishop Sumner's 'Appendix' to his work, entitled 'The Records of Creation.'* 8vo. *London*, 1836.
- Fenwick** (Thomas). *Four Essays on Practical Mechanics. (Tract.)* 8vo. *Newcastle*, 1802.
- Ferber** (Johann Jacob). *Beschreibung des Quecksilber-Bergwerks zu Idria in Mittel-Crâyn. 2 copies.* 8vo. *Berlin*, 1774.
- . *Beyträge zur Mineralgeschichte von Böhmen.* 8vo. *Berlin*, 1774.
- . *Bergmännische Nachrichten von den merkwürdigsten mineralischen Gegenden der herzoglich-zweybrückischen, chur-pfälzischen, wild- und rheingräflichen und nassauischen Länder. 2 copies.* 8vo. *Mittau*, 1772.
- . *Lettres sur la Minéralogie et sur divers autres objets de l'histoire naturelle de l'Italie. Traduit de l'Allemand, enrichi de notes, par M. le B. de Dietrich.* 8vo. *Strasburg*, 1776.
- . *Travels through Italy, in the years 1771 and 1772. Described in a series of Letters to Baron Born, on the Natural History, particularly of the Mountains and Volcanos, of that country. Translated, with Explanatory Notes, by R. E. Raspe.* 8vo. *London*, 1776.
- . *Versuch einer Oryktographie von Derbyshire in England.* 8vo. *Mittau*, 1776.
- . *Physikalisch-metallurgische Abhandlungen über die Gebirge und Bergwerke in Ungarn.* 8vo. *Berlin* and *Stettin*, 1780.
- . *Untersuchung der Hypothese von der Verwandlung der mineralischen Körper in einander. (Tract.)* 8vo. *Berlin*, 1788.
- . *Mineralogische und metallurgische Bemerkungen in Neuchatel, Franche Comté und Bourgogne, im Jahr 1788.* 8vo. *Berlin*, 1789.
- . See BERGMAN (Torbern), BORN (Ignaz von), and FISCHER (J. B.).
- Ferguson** (John). See BRITISH ASSOCIATION, *Glasgow. Guide Books.*
- Ferguson** (William). *America by River and Rail, or notes by the way on the New World and its People.* 8vo. *London*, 1856.
- . *The Raised Beaches of the Frith of Clyde; with notices of the discovery of numerous ancient canoes in the neighbourhood of Glasgow. (Tract.)* 8vo. *Liverpool*, 1853.

- Ferrara** (Francesco). *Storia generale dell' Etna.* 8vo. *Catania*, 1793.
- . *Memorie sopra il Lago Naftia nella Sicilia meridionale; sopra l'Ambra Siciliana, etc.* 8vo. *Palermo*, 1805.
- . *I Campi Flegrei della Sicilia e delle Isole che le sono intorno, o descrizione fisica e mineralogica di queste isole.* 4to. *Messina*, 1810.
- . *Storia naturale della Sicilia, che comprende la mineralogia, con un discorso sopra lo studio in varj tempi delle Scienze naturali in quest' isola. (Tract.)* 4to. *Catania*, 1813.
- . *Descrizione dell' Etna con la storia delle eruzioni e il Catalogo dei prodotti.* 8vo. *Palermo*, 1818.
- . *Memoria sopra i tremuoti della Sicilia in . . . 1823. (Tract.)* 8vo. *Palermo*, 1823.
- Ferrari** (Silvio). *Calcolo decidozzinale. (Tract.)* Fol. *Turin*, 1854.
- Ferreira Lapa** (João Ignacio). *Chimica Agricola, ou Estudo analytico dos terrenos, das plantas e dos estrumes.* 8vo. *Lisbon*, 1875.
- Ferrel** (W.). *The motions of Fluids and Solids relative to the Earth's surface.* 4to. *New York and London*, 1860.
- Ferry** (—). See ORBIGNY (Alcide d').
- Ferry de Pigny** (—). See LEVCHINE (Alexis de).
- Férussac** (J. Daubebard de). *Mémoires géologiques sur les terrains formés sous l'eau douce par les débris fossiles des mollusques vivant sur la terre ou dans l'eau non salée.* 2 copies. 4to. *Paris*, 1814.
- . *Concordance systématique pour les mollusques terrestres et fluviatiles de la Grande-Bretagne; avec un aperçu des travaux modernes des savans Anglais sur ces animaux. (Tract.)* 4to. *Paris*, 1820.
- . *Monographie des espèces vivantes et fossiles du genre Mélanopside Melanopsis, etc. (Tract.)* 4to. *Paris*, 1823.
- . *Recherches sur les ossemens fossiles du département du Puy-de-Dôme par MM. A. Bravard, Croizet et Jobert. (Tract.)* 8vo. *Paris*, 1826.
- . *Examen analytique de la Conférence de Mgr. l'Evêque d'Hermopolis, dans laquelle Moïse est considéré comme historien des temps primitifs. (Tract.)* 8vo. *Paris*, 1827.
- . *De la nécessité d'une correspondance régulière et sans cesse active entre tous les amis des sciences et de l'industrie. (Tract.)* 4to. *Paris*, 1829.
- Fichtel** (Johann Ehrenreich von). *Beytrag zur Mineralgeschichte von Siebenbürgen.* 2 vols. 4to. *Nuremberg*, 1780.
- . *Mineralogische Bemerkungen von den Karpathen.* 2 vols. 8vo. *Vienna*, 1791.
- Fiedler** (Heinrich). *Die fossilen Früchte der Steinkohlen-Formation. (Tract.)* 4to. *Breslau and Bonn*, 1857.
- Fiedler** (Karl Gustav). *Auffindung und Ausgrabung einer 8 Leipz. Ellen 5 $\frac{3}{4}$ Zoll langen Blitzröhre bei Dresden. (Tract.)* 8vo. *Dresden*, 1822.
- Field** (—). *Chromatics, or, an Essay on the Analogy and Harmony of Colours.* 4to. *London*, 1817.
- Figuier** (Louis). *La Terre avant le Déluge.* 2nd edition. 8vo. *Paris*, 1863.

- Figuier (Louis).** *The World before the Deluge.* Newly edited and revised by H. W. Bristow. 8vo. *London, Paris, and New York*, 1872.
- Filhol (Edouard).** See **RAMES (J.-B.)**.
- Fils (A. W.).** *Physikalisch-geographische Skizze vom Herzogthum Coburg.* (Tract.) 4to. *Gotha*, 1855.
- Finch (I.).** *Travels in the United States of America and Canada, etc.* 8vo. *London*, 1833.
- Finlayson (James).** *Burns, as a Poet.* (Tract.) 8vo. No date.
- Firmas (Louis-Augustin d'Hombres-).** See **HOMBRES FIRMAS (Louis Augustin d')**.
- Fischer (C. F.).** See **HOCHSTETTER (F. von)**.
- Fischer (Heinrich).** *Nephrit und Jadeit.* 8vo. *Stuttgart*, 1875.
- Fischer (Jacob Benj.).** *Zusätze zu seinem Versuch einer Naturgeschichte von Livland, nebst einigen Anmerkungen zur physischen Erdbeschreibung von Kurland, entworfen von J. J. Ferber.* 8vo. *Riga*, 1784.
- . *Versuch einer Naturgeschichte von Livland.* 8vo. *Königsberg*, 1791.
- Fischer (Johann Baptist).** *Synopsis Mammalium.* 8vo. *Stuttgart*, 1829.
- Fischer (P.).** See **CROSSE (H.)**, **GAUDRY (Albert)**, and **TOCHIHATCHEFF (Pierre de)**.
- Fischer-Benzon (R. von).** *Ueber das relative Aelter des Faxekalkes und über die in demselben vorkommenden Anomuren und Brachyuren.* (Tract.) 4to. *Kiel*, 1866.
- Fischer de Waldheim (Gotthelf).** *Notice sur la vraie crystallisation de la Sibérite.* (Tract.) 4to. *Moscow*, 1811?
- . *Essai sur la Pellegrina, ou la perle incomparable des frères Zozima.* (Tract.) 8vo. *Moscow*, 1818.
- . *Essai sur la turquoise et sur la calaite.* 2nd edition. (Tract.) 8vo. *Moscow*, 1818.
- . *Adversaria Zoologica.* Fasc. 1 and 2. (Tract.) 4to. *Moscow*, 1819.
- . *Notice sur le Tettigopsis, nouveau genre d'Orthoptères de la Russie.* (Tract.) 4to. *Moscow*, 1830.
- . *Oryctographie du gouvernement de Moscou.* Fol. *Moscow*, 1830.
- . ———. Another edition. Fol. *Moscow*, 1837.
- . *Bibliographia palæontologica Animalium systematica.* 8vo. *Moscow*, 1834.
- . *Recherches sur les ossemens fossiles de la Russie. I. Sur le Gryphus antiquitatis des naturalistes allemands.* (Tract.) 4to. *Moscow*, 1836.
- . ———. II. *Sur deux Poissons fossiles.* (Tract.) 4to. *Moscow*, 1838.
- . *Notice sur l'Eurypterus de Podolie et le Chirotherium de Livonie.* (Tract.) 4to. *Moscow*, 1839.
- . *Sur le Rhopalodon, genre de Saurien fossile du versant occidental de l'Oural.* (Tract.) 2 copies. 8vo. *Moscow*, 1841.
- . *Nachtrag zu Hrn. Major von Qualen's geognostischen Beyträgen zur Kenntniss des westlichen Urals.* (Tract.) 2 copies. 8vo. *Moscow*, 1842.

- Fischer de Waldheim** (Gotthelf). *Catalogus coleopterorum in Siberia orientali a Cel. Gregorio Silide Karelin collectorum.* (Tract.)
8vo. *Moscow*, 1842.
- . Notice sur les fossiles et les pétrifications du gouvernement de Moscou. (Tract.) 3 copies. 8vo. *Moscow*, 1842.
- . Revue des fossiles du gouvernement de Moscou. No. II. Fossiles du terrain oolithique. (Tract.) 8vo. *Moscow*, 1843.
- . Notice sur quelques Sauriens fossiles du gouvernement de Moscou. (Tract.) 4to. *Moscow*, 1846.
- . Jubilæum semisæcularem Doctoris Medicinæ et Philosophiæ celebrant Sodales Societatis Cæsareæ, Naturæ Scrutatorum Mosquensis. Fol. *Moscow*, 1847.
- . Notice sur quelques Sauriens de l'oolithe du gouvernement de Simbirsk. Suivi d'une lettre de Pierre de Jasikow. (Tract.)
8vo. *Moscow*, 1847.
- . Notice sur le *Crioceras Voronzovii* de Sperk. (Tract.)
4to. *Moscow*, 1849.
- . *Ommatolampes* et *Trachelacanthus*, genera piscium fossilium nova. (Tract.) 4to. *Moscow*, 1851.
- Fischer-Ooster** (C. von). See OOSTER (W. A.).
- Fisher** (James C.). *The Mosaic account of the Creation.* (Tract.)
8vo. *Philadelphia*, 1858.
- Fisher** (Osmond). *Section of Purbeck strata, Ridgeway Hill, Dorset.* (Tract.) (Table.) *Dorchester*, 1852.
- . *On the Purbeck strata of Dorsetshire.* (Tract.)
4to. *Cambridge*, 1855.
- . *On Roslyn or Roswell Hill Clay-pit, near Ely.* (Tract.)
8vo. *Cambridge*, 1866.
- . *On the Elevation of Mountains by Lateral Pressure; its Cause, and the Amount of it, with a Speculation on the Origin of Volcanic Action.* (Tract.) 4to. *Cambridge*, 1869.
- . *On the Inequalities of the Earth's Surface viewed in connection with the secular cooling.* (Tract.) 4to. *Cambridge*, 1874.
- . *Mr. Mallet's Theory of Volcanic Energy tested.* (Tract.)
8vo. *London*, 1875.
- . *On the Inequalities of the Earth's Surface as produced by Lateral Pressure, upon the hypothesis of a liquid substratum.* (Tract.)
4to. *Cambridge*, 1875.
- . *Remarks upon Mr. Mallet's Strictures on the Mathematical test applied to the theory of Volcanic Energy, by Mr. O. Fisher.* (Tract.)
8vo. *London*, 1876.
- Fitch** (Robert). *On the Coralline Crag of Ramsholt and Orford.* (Tract.)
8vo. *London*, 1835.
- Fitton** (William Henry). *On the Geological system of Werner.* (Tract.)
8vo. *London*, 1813.
- . Articles published in the 'Edinburgh Review,' 1817–1849.
8vo. *Edinburgh*, 1817–49.
- . *Mr. Smith's Geological Claims stated.* [Imperfect.] (Tract.)
8vo. *London*, 1818.
- . *An Account of some geological specimens from the coasts of Australia.* (Tract.) 3 copies. 8vo. *London*, 1826.

- Fitton** (William Henry). Instructions for collecting Geological specimens. (Tract.) 3 copies. 8vo. *London*, 1826.
- . Notes on the Progress of Geology in England. (Tract.) 2 copies. 8vo. *London*, 1832–33.
- . A Geological Sketch of the Vicinity of Hastings. 3 copies. 8vo. *London*, 1833.
- . Inquiries respecting the geological relations of the beds between the Chalk and the Purbeck Limestone in the south-east of England. 4to. *London*, 1833.
- . Observations on some of the strata between the Chalk and the Oxford Oolite, in the south-east of England. [From the 'Transactions of the Geological Society of London.'] 4to. *London*, 1836.
- . Geological notice of the New Country passed over by Captain Back during his late Expedition. (Tract.) 8vo. *London*, 1836.
- . A Review of Mr. Lyell's 'Elements of Geology,' with Observations on the progress of the Huttonian Theory of the Earth. 8vo. *Edinburgh*, 1839.
- . A stratigraphical account of the Section from Atherfield to Rocken-End, on the south-west coast of the Isle of Wight. 8vo. *London*, 1847.
- . Catalogue of his valuable Scientific and Miscellaneous Library. (Tract.) 8vo. *London*, 1856.
- . See BRODERIP (W. J.) and STEPHENS (Walter).
- Fitz-Roy** (Robert). Considerations on the Great Isthmus of Central America. (Tract.) 8vo. *London*, 1851.
- . Second and Third Numbers of Meteorological Papers. (Tract.) 4to. *London*, 1858.
- . See ADMIRALTY PUBLICATIONS and SQUIER (E. G.).
- Flaminj** (G. Scarabelli-Gommi). See SCARABELLI-GOMMI-FLAMINJ (G.).
- Flavigny** (Vicomte de). See BOWLES (William).
- Fleetwood** (Bishop). Chronicon Preciosum, or an Account of English Gold and Silver Money; the price of Corn and other Commodities, etc. 8vo. *London*, 1745.
- Fleming** (Andrew). Report on the Salt Range, and on its Coal and other Minerals. (Tract.) 8vo. *London*, 1849.
- Fleming** (John). The Philosophy of Zoology; or a general view of the Structure, Functions, and Classification of Animals. 2 vols. 8vo. *Edinburgh*, 1822.
- . A History of British Animals. 8vo. *Edinburgh*, 1828.
- Fleming** (Sandford). Report in reference to the Canadian Pacific Railway. 8vo. *Ottawa*, 1879.
- . Report and documents in reference to the Canadian Pacific Railway. 8vo. *Ottawa*, 1880.
- . See CANADIAN PACIFIC RAILWAY.
- Fleuriot de Langle** (—). Campagne de la Cordelière; études sur l'Océan Indien. (Tract.) 8vo. *Paris*, 1862.
- Florencourt** (Carl Chassot de). See CHASSOT DE FLORENCOURT (Carl).
- Florida**. See IVES (J. C.).
- Flower** (J. W.). See WESTALL (Edward).
- Flower** (William Henry). An Introduction to the Osteology of the Mammalia. 8vo. *London*, 1870.

- Flower** (William Henry). *The Extinct Animals of North America.* (Tract.) 8vo. *London*, 1876.
- . *Catalogue of the Specimens illustrating the Osteology and Dentition of Vertebrate Animals, recent and extinct, contained in the Museum of the Royal College of Surgeons of England. Part I. Man: Homo sapiens, Linn.* 8vo. *London*, 1879.
- . See **ESCHRICHT** (Reinhardt).
- Flügel** (J. G.). *Literarische Sympathien oder industrielle Buchmacherei. Ein Beitrag zur Geschichte der neueren englischen Lexicographie, nebst einem Vorwort von Gott. Hermann.* (Tract.) 8vo. *Leipzig*, 1843.
- . See **DICTIONARIES**, German and English.
- Flurl** (Mathias). *Beschreibung der Gebirge von Baiern und der oberen Pfalz.* 8vo. *Munich*, 1792.
- Fly Expedition.** See **JUKES** (Joseph Beete).
- Fonbressin** (P. Duchassaing de). See **DUCHASSAING DE FONBRESSIN** (P.).
- Fontana** (F.). *Dell' Antracite o Carbone di cava, detto volgarmente Carbon fossile.* 8vo. *Florence*, 1790.
- Fontannes** (F.). *Etudes stratigraphiques et paléontologiques pour servir à l'histoire de la Période Tertiaire dans le Bassin du Rhône. 1-5.* 8vo. *Lyons, Geneva, and Paris*, 1875-79.
- . See **DUMORTIER** (E.).
- Fontenelle** (Julia de) and **Tollard** (Henry). *Manuel de l'herboriste de l'épicier-droguiste et du grainier-pépiniériste horticulteur.* 12mo. *Paris*, 1823.
- Fonvielle** (W. de). *L'homme fossile, étude de philosophie zoologique.* (Tract.) 8vo. *Paris*, 1865.
- Foot** (R. Bruce). *On the occurrence of Stone Implements in lateritic formations in various parts of the Madras and North-Arcot districts. With an Appendix by William King.* (Tract.) 8vo. *Calcutta*, 1864-65.
- Forbes** (Charles). *Vancouver Island: its Resources and Capabilities as a Colony.* (Tract.) 2 copies. *Victoria, V. I.*, 1862.
- Forbes** (Charles S.). *Iceland, its Volcanoes, Geysers, and Glaciers.* 8vo. *London*, 1860.
- Forbes** (David). *Obituary Notice.* (Tract.) 8vo. *London*, 1876.
- . *Chemical examination of Specimens of Purple Copper Ore and Copper Pyrites, with Remarks on their Constitution.* (Tract.) 8vo. *Edinburgh*, 1851.
- . *On the Chemical Composition of some Norwegian Minerals.* (Tracts.) 8vo. *Edinburgh*, 1855-57.
- . *On the Geology of Bolivia and Southern Peru. With Notes on the Palæozoic Fossils, by J. W. Salter.* (Abstract.) (Tract.) 8vo. *London*, 1860.
- . *Correspondence with Lord John Russell, and Memoranda relating to the appointment of a representative of her Majesty's Government in Bolivia.* (Tract.) 8vo. *London*, 1861.
- . *On the Chemical Composition of some Chilian Minerals.* (Tract.) 8vo. *London*, 1863.

- Forbes** (David). On Evansite; a new Mineral Species. (Tract.)
8vo. London, 1864.
- . On Phosphorite from Spain (Tract.) 8vo. London, 1865.
- . On some points in Chemical Geology. (Tract.)
8vo. London, 1867–68.
- . On the alleged Hydrothermal origin of certain Granites and
Metamorphic Rocks. (Tract.) 8vo. London, 1867.
- . On the Chemistry of the Primeval Earth. (Tract.)
8vo. London, 1867.
- . Researches in British Mineralogy. I.–III. (Tracts.)
8vo. London, 1867–69.
- . Chemical Examination of the Oriental Jargon. (Tract.)
8vo. London, 1869.
- . The Nature of the Interior of the Earth. (Tract.)
8vo. London, 1869.
- . The Aymara Indians of Bolivia and Peru. (Tract.)
8vo. London, 1870.
- . Reports on the progress of the Iron and Steel Industries in
Foreign Countries. 8vo. Newcastle, 1871–76.
- . The Structure of Rock Masses—Foliation and Striation. (Tract.)
8vo. London, 1871.
- . On Meteorites. (Tract.) 8vo. London, 1872.
- . On the Geology of Donegal. (Tract.) 8vo. London, 1872.
- . The first chapter of the Geological Record. (Tract.)
8vo. London, 1872.
- and **Dahll** (Tellef). Mineralogiske Iagttagelser omkring Armdal
og Kragerö. (Tract.) 8vo. Christiania, 1855.
- Forbes** (Edward). Biographical Notice. See **BALFOUR** (J. H.).
- . Malacologia Monensis. A Catalogue of the Mollusca inhabiting
the Isle of Man and the neighbouring sea. 2 copies.
8vo. Edinburgh, 1838.
- . A history of British Starfishes and other animals of the class
Echinodermata. 8vo. London, 1841.
- . An Inaugural lecture on Botany, considered as a Science and as
a branch of Medical Education. (Tract.) 8vo. London, 1843.
- . On the Fossil Remains of Starfishes of the order Ophiuridæ found
in Britain. (Tract.) 8vo. London, 1844.
- . On the light thrown on Geology by Submarine Researches.
(Tract.) 8vo. Edinburgh, 1844.
- . On the Morphology of the Reproductive System of the Sertula-
rian Zoophytes, etc. (Tract.) 8vo. London, 1844.
- . A Monograph of the British Naked-eyed Medusæ. (Ray Society.)
4to. London, 1848.
- . Report on the Investigation of British Marine Zoology by means
of the Dredge.—Part I. The Infra-littoral Distribution of Marine
Invertebrata on the Southern, Western, and Northern Coasts of
Great Britain. (Tract.) 8vo. London, 1850.
- . The relations of Natural History to Geology and the Arts.
8vo. London, 1851.

- Forbes (Edward).** Monograph of the Echinodermata of the British Tertiaries. (Palæontographical Society.) 4to. *London*, 1852.
- . On the Educational Uses of Museums. (Tract.) 8vo. *London*, 1853.
- . Literary Papers. 8vo. *London*, 1855.
- . On the Tertiary Fluvio-marine Formation of the Isle of Wight. (Memoirs of the Geological Survey of Great Britain.) 3 copies. 8vo. *London*, 1856.
- . The Natural History of the European Seas. Edited and continued by R. Godwin-Austen. 8vo. *London*, 1859.
- . See BURMEISTER (Hermann), JUKES (J. Beete), SPRATT (Thomas A. B.); and SURVEYS, ENGLAND AND WALES AND GREAT BRITAIN.
- and **Hanley** (Sylvanus). A history of British Mollusca and their Shells. 4 vols. 8vo. *London*, 1853.
- Forbes (James David).** Obituary Notices. See GEIKIE (Archibald) and STUDER (Bernhard).
- . On the Geology of Auvergne, &c. (Tract.) 8vo. *Edinburgh*, 1836.
- . On the Temperatures and Geological relations of certain Hot Springs, particularly those of the Pyrenees, etc. (Tract.) 4to. *London*, 1836.
- . Account of an intermitting Brine-spring discharging Carbonic Acid Gas near Kissingen in Bavaria. (Tract.) 8vo. *Edinburgh*, 1839.
- . Account of his recent observations on Glaciers. (Tract.) 8vo. *Edinburgh*, 1842.
- . Historical Remarks on the first Discovery of the Real Structure of Glacier-Ice. (Tract.) 8vo. *Edinburgh*, 1843.
- . Travels through the Alps of Savoy and other parts of the Pennine Chain, with observations on the phenomena of Glaciers, with Map of the Mer de Glace. 2nd edition. 8vo. *Edinburgh* and *London*, 1845.
- . Notes on the Geology of the Eildon Hills in Roxburghshire. (Tract.) 4to. *Edinburgh*, 1851.
- . Norway and its Glaciers visited in 1851; followed by journals of excursions in the high Alps of Dauphiné, Berne, and Savoy. 8vo. *Edinburgh*, 1853.
- . On the geological relations of the Secondary and Primary Rocks of the Chain of Mont Blanc. (Tract.) 8vo. *Edinburgh*, 1856.
- . Occasional papers on the theory of Glaciers. 8vo. *Edinburgh*, 1859.
- . Reply to Professor Tyndall's remarks in his work 'On the Glaciers of the Alps,' relating to Rendu's 'Théorie des Glaciers.' (Tract.) 2 copies. 8vo. *Edinburgh*, 1860.
- . The British Association considered with reference to its history, plan, and results, and to the approaching meeting at Dundee. (Tract.) 8vo. *Dundee*, 1866.
- Force (Peter).** Supplement to "Grinnell Land." (Tract.) 8vo. *Washington*, 1853.
- Forchhammer (Johann Georg).** Om de geognostiske forhold i en deel af Sjælland og Naboöerne. (Tract.) 4to. *Copenhagen*, 1825.
- . Danmarks geognostiske Forhold, etc. (Tract.) 4to. *Copenhagen*, 1835.

- Forchhammer** (Johann Georg). Om de Bornholmske Kulformationer. (Tract.) 4to. *Copenhagen*, 1838.
- . Om Martörven og Steenkuldannelsen. (Tract.) 8vo. *Copenhagen*, 1839.
- . Geognostische Studien am Meeres-Ufer. (Tract.) 8vo. *Stuttgart*, 1841.
- . Hans Christian Örsted. (Tract.) 8vo. *Copenhagen*, 1852.
- . Ueber den Einfluss des Kochsalzes auf die Bildung der Mineralien. (Tract.) 8vo. *Halle*, 1855.
- . Bidrag til skildringen af Danmarks Geographiske forhold i deres afhængighed af landets indre geognostiske bygning. (Tract.) 4to. *Copenhagen*, 1858.
- . Over Saltholdigheden af vandet i Sundet, etc. (Tract.) 8vo. *Copenhagen*, 1858.
- . Om Sövandets Bestanddele og deres fordeling i havet. (Tract.) 4to. *Copenhagen*, 1859.
- . [Notitser angaaende den sandsynlige Forekomst af Juraformationen i det nordlige Jylland.] (Tract.) 8vo. *Copenhagen*, 1863.
- . Ueber die Ahlbildung in Dänemark und den Campin-Sand in Belgien. (Tract.) 8vo. *Stuttgart*, 1863.
- , **Steenstrup** (J.), and **Worsaae** (J.) Undersøgelser i geologisk-antiquarisk Retning. (Tract.) 8vo. *Copenhagen*, 1851.
- Forchhammer** (Paul Wilhelm). (Topographische und physiographische) Beschreibung der Ebene von Troia, mit einer Karte von T. A. B. Spratt. 8vo. *Frankfort*, 1850.
- Ford** (S. W.). On some embryonic forms of Trilobites from the Primordial Rocks at Troy, N. Y. (Tract.) 8vo. *New Haven*, 1877.
- Foresti** (Lodovico). Cenni Geologici e Paleontologici sul Pliocene antico di Castrocaro. (Tract.) 4to. *Bologna*, 1876.
- Forrester** (Joseph James de). The Oliveira Prize-essay on Portugal; with the evidence regarding that country taken before a Committee of the House of Commons in May 1852, etc. 8vo. *London*, 1853.
- . On the subject of the Material and Chemical Changes which have lately taken place in sundry Port Wines in England. (Tract.) 8vo. *Oporto*, 1858.
- . Companion to 'Portugal and its Capabilities,' or 'A word or two more on Port Wine.' (Tract.) 8vo. *Oporto*, 1860.
- Forschepiepe** (W.). Führer durch die rheinisch-westfälische Bergwerks-Industrie. 8vo. *Oberhausen*, 1880.
- Forshey** (Caleb G.). Memoir on the Physics of the Mississippi, and certain internal improvements in the State of Louisiana. (Tract.) 8vo. *New Orleans*, 1850.
- Förster** (Bernhard Rudolph). See MÜLLER (Hermann) and SAXONY. Beiträge zur geognostischen Kenntniss des Erzgebirges.
- Forster** (Thomas). Researches about Atmospheric Phænomena. Third edition, corrected and enlarged, . . . to which is added the Calendar of Nature. 8vo. *London*, 1823.
- . Illustrations of the Atmospheric Origin of Epidemic Diseases, etc. 2nd edition. 8vo. *Chelmsford*, 1829.

- Forster** (Thomas). Observations sur l'influence des Comètes sur les phénomènes de l'atmosphère. (Tract.) 8vo. *Aix-la-Chapelle*, 1836.
- Forster** (Westgarth). A Treatise on a section of the Strata, commencing near Newcastle-upon-Tyne, and concluding on the west side of the mountain of Cross Fell, etc. 8vo. *Newcastle*, 1809.
- . A Treatise on a section of the Strata from Newcastle-on-Tyne to the mountain of Cross Fell in Cumberland. 2nd edition. 8vo. *London, Alston, and Newcastle*, 1821.
- . Section of the Strata from Newcastle to Cross Fell. (A series of vertical sections only.) 2nd edition. (Tract.) 8vo. *London?*, 1821.
- Fortis** (Alberto). Travels into Dalmatia, etc. 4to. *London*, 1778.
- . Beschreibung des Thales Ronca im veronesischen Gebiet. Aus dem italiänischen übersetzt von F. A. Weber. 8vo. *Heidelberg*, 1779.
- . Mémoires pour servir à l'histoire naturelle et principalement à l'oryctographie de l'Italie. 2 vols. 8vo. *Paris*, 1802.
- Foscolo** (Giorgio). A Diagram and Table for deducing the Meridian Altitude from Two Altitudes observed near the Meridian. (Tract.) Fol. *London*, 1852.
- Fossombroni** (Vittorio). Considerazioni sopra il sistema idraulico dei paesi Veneti. 8vo. *Florence*, 1847.
- Foster** (Clement Le Neve). On a deposit of Tin at Park of Mines. (Tract.) 8vo. *Falmouth*, 1876.
- . Remarks upon the Tin Deposits of East Wheal Lovell. (Tract.) 8vo. *Falmouth*, 1876.
- . A Defence of Turner's method of detecting Boracic Acid. (Tract.) 8vo. *London*, 1877.
- . On some new Mineral Localities in Cornwall and Devon. (Tract.) 8vo. *London*, 1877.
- . Remarks on some Tin Lodes in the St. Agnes District. (Tract.) 8vo. *Falmouth*, 1877.
- . Report on the Inspection of metalliferous Mines in Cornwall, Devonshire, Dorsetshire, and part of Somersetshire, for the year ending 31st December, 1876. (Tract.) Fol. *London*, 1877.
- . Notes on the Van Mine. (Tract.) 8vo. *Penzance*, 1879.
- . Report on the Inspection of metalliferous Mines in Cornwall, Devonshire, Dorsetshire, and part of Somersetshire, for the year ended 31st December, 1878. Fol. *London*, 1879.
- . See **CALLON** (J.), **DIEST** (P. van), and **SURVEYS, ENGLAND AND WALES**.
- and **Pike** (Walter). Suggestions for the formation of a Miner's permanent Club and Relief Society for Cornwall and Devon. (Tract.) 8vo. *Truro*, 1877.
- and **Topley** (William). On the Superficial deposits of the Valley of the Medway, with remarks on the denudation of the Weald. (Tract.) 8vo. *London*, 1865.
- Foster** (Henry). See **PARRY** (W. E.).
- Foster** (J. W.). See **SURVEYS: MICHIGAN**.
- Foster** (Peter Le Neve). Aluminium. (Tract.) 8vo. *London*, 1859.

- Fötterle** (Franz). Die geologische Uebersichtskarte des mittleren Theiles von Süd-Amerika. Mit einem Vorwort von W. Haidinger. (Tract.) 8vo. *Vienna*, 1854.
- . Das Vorkommen, die Production und Circulation des mineralischen Brennstoffes in der österreichisch-ungarischen Monarchie im Jahre 1868. (Tract.) 8vo. *Vienna*, 1870.
- . See **HAUER** (Franz von).
- Fougé** (Heinrich). Dissertatio, Corallia Baltica adumbrans. 4to. *Upsala*, 1745.
- Foulke** (William Parker). Account of the Remains of a Fossil Extinct Reptile recently discovered at Haddonfield, New Jersey. (Tract.) 8vo. *Philadelphia*, 1859.
- . See **MILLER** (Hugh).
- , **Leidy** (J.), **Lea** (I.), and **Hammond** (—). On Fossil bones from Haddonfield, Camden County, New Jersey, United States. (Tract.) 8vo. *Philadelphia*, 1858.
- Fouqué** (F.). Rapport sur les phénomènes chimiques de l'éruption de l'Etna en 1865. 4to. *Paris*, 1866.
- . Rapport sur les tremblements de terre de Céphalonie et de Mételin en 1867. (Tract.) 8vo. *Paris*, 1867.
- . Premier rapport sur une mission scientifique à l'île de Santorin. (Tract.) 8vo. *Paris*, 1868.
- . Santorin et ses éruptions. 4to. *Paris*, 1879.
- Fourcroy** (Antoine François de). Elements of Natural History and of Chemistry, translated into English. (2nd edition.) 4 vols. and Supplement. 8vo. *London*, 1788–89.
- . See **GUYTON DE MORVEAU** (L. B.). Chemistry.
- Fourcy** (Eugène de). See **LORIEUX** (Théodore).
- Fournel** (Henri). Basin of the Lower Loire. (Tract.) 8vo. *London*, 1839.
- . Richesse minérale de l'Algérie. 2 vols. 4to; Atlas, fol. *Paris*, 1849–54.
- Fournet** (J.). Ueber den Voltzit. (Tract.) 8vo. *Halle*, 1834.
- . Description géologique du bassin houiller des environs de Ternay et Communay, département de l'Isère. (Tract.) 8vo. *Lyons*, 1838.
- . Etudes pour servir à la géographie physique et à la géologie d'une partie du bassin du Rhône. (Tract.) 8vo. *Lyons*, 1838.
- . Etudes sur le terrain jurassique et les minerais de fer de l'Ardèche. (Tract.) 8vo. *Lyons*, 1843.
- . Die Metamorphose der Gesteine nachgewiesen in den westlichen Alpen; aus dem französischen übersetzt von W. Vogelgesang. Mit einem Vorwort von B. Cotta. (Tract.) 8vo. *Freiberg*, 1847.
- . Histoire de la Dolomie. 8vo. *Lyons*, 1847.
- . Suite des Etudes sur la Géologie de la partie des Alpes comprise entre le Valais et l'Oisans. 8vo. *Paris*, 1849.
- . Note sur un effet de coloration des Nuages, observé en 1852, à Oullins. (Tract.) 8vo. *Lyons*, 1852.
- . Sur la distribution des coups de foudre à Lyon. (Tract.) 8vo. *Lyons*, 1852.
- . Détails au sujet de la formation des oolites calcaires. (Tract.) 8vo. *Lyons*, 1853.

- Fournet (J.).** Recherches sur la distribution et sur les modifications des caractères de quelques animaux aquatiques du bassin du Rhône. (Tract.) 8vo. *Lyons*, 1853.
- . Aperçus sur la structure du Jura septentrional. (Tract.) 8vo. *Lyons*, 1860–61.
- . Géologie Lyonnaise. 8vo. *Paris*, 1862.
- . See **PERREY (Alexis)**.
- Fowler (John).** Address . . . on his election as President of the Institution of Civil Engineers. (Tract.) 8vo. *London*, 1866.
- Fox (Robert Were).** Observations on mineral veins. (Tract.) 8vo. *Falmouth*, 1837.
- . Purport of a paper relative to springs of water. (Tract.) 8vo. *Truro*, 1844.
- . On certain pseudomorphous crystals of quartz. (Tract.) 8vo. *Falmouth*, 1846.
- . Questions relative to mineral veins, submitted to practical miners. (Tract.) Fol. No date.
- Fox-Strangways (William Thomas H.).** See **STRANGWAYS (W. T. H. Fox-)**.
- Fraas (Oscar).** Aus dem Orient: geologische Beobachtungen am Nil, auf der Sinai-Halbinsel und in Syrien. 8vo. *Stuttgart*, 1867.
- . Die Fauna von Steinheim. 4to. *Stuttgart*, 1870.
- . *Aetosaurus ferratus*. See **SERIALS, ETC.: STUTTGART.** Verein für vaterländische Naturkunde.
- Fragoso de Siqueira (J. P.).** Kurze Beschreibung aller Amalgamir- und Schmelzarbeiten:—Description abrégée de tous les travaux, tant d'Amalgamation, etc. (Tract.) 8vo. *Dresden*, 1800.
- France. Dépôt de la Marine.** Catalogue chronologique des cartes, plans, vues de côtes, mémoires, instructions nautiques, etc., qui composent l'hydrographie française. 8vo. *Paris*, 1856.
- . ———. ———. 8vo. *Paris*, 1860.
- . ———. ———. 8vo. *Paris*, 1866.
- . ———. ———. 8vo. *Paris*, 1869.
- . ———. ———. 8vo. *Paris*, 1873.
- . ———. Catalogue par ordre géographique des cartes, plans, vues de côtes, mémoires, instructions nautiques, etc., qui composent l'hydrographie française. 8vo. *Paris*, 1869.
- . ———. ———. 8vo. *Paris*, 1873.
- . ———. ———. 8vo. *Paris*, 1878.
- . ———. Instructions nautiques par James Horsburgh. 1^e et 2^e parties. 3^e édition. 4to. *Paris*, 1861–62.
- . ———. Avis aux navigateurs. Côtes des Iles Britanniques. 8vo. *Paris*, 1861–62.
- . ———. ———. Mer Méditerranée, mer Noire, et mer d'Azof. 8vo. *Paris*, 1862.
- . ———. ———. Côtes orientales de l'Amérique anglaise et des Etats-Unis. 8vo. *Paris*, 1862.
- . ———. ———. Côtes orientales de l'Amérique du Sud. 8vo. *Paris*, 1861.
- . ———. ———. Mers des Indes et de Chine, de l'Australie, terre de Van-Diemen et Nouvelle-Zélande. 8vo. *Paris*, 1862.

- France. Dépôt de la Marine.** Note sur les sondes faites par de grandes profondeurs ; traduction de la brochure anglaise de J. E. Davys, par M. Bouquet de la Grye. 8vo. *Paris*, 1869.
- . La latitude par les hauteurs hors du méridien, par Louis Pagel. 8vo. *Paris*, 1847.
- . Formule générale pour trouver la latitude et la longitude par les hauteurs hors du méridien, par Louis Pagel. 8vo. *Paris*, 1863.
- . Instruction pour le micromètre Lugeol à cadran Lorieux, par M. Bosc. 8vo. *Paris*, 1864.
- . Usage du cercle méridien portatif pour la détermination des positions géographiques, par F. Laugier. 4to. *Paris*, 1852.
- . Instruction sur les cartes pour la navigation par l'arc de grand circle, par M. Hilleret. 8vo. *Paris*, 1878.
- . Tables pour l'évaluation des distances en mer. 8vo. *Paris*, no date.
- . Note sur l'évaluation des distances en mer, par M. de la Roche-Poncié. (Tract.) 8vo. *Paris*, 1860.
- . ADEN. Pilote du golfe d'Aden, par C. Y. Ward ; traduit par J. Lafont. 8vo. *Paris*, 1866.
- . ADRIATIC SEA. Manuel de la navigation dans la mer Adriatique, par M. Alexandre Le Gras. 8vo. *Paris*, 1855.
- . AFRICA. Manuel de la navigation de la côte occidentale d'Afrique, par C. P. de Kerhallet. 3 vols. 8vo. *Paris*, 1851-52.
- . Routier de la côte sud et sud-est d'Afrique. De l'île Robben à Natal. 8vo. *Paris*, 1863.
- . Routier des côtes sud, sud-est et est d'Afrique du cap de Bonne-Espérance au cap Guardafui. Compilé à différentes sources, par Algernon F. R. De Horsey. 2^e édition. Traduit de l'anglais par A. MacDermott. 8vo. *Paris*, 1866.
- . Supplément à l'Instruction No. 421. Afrique. Côte sud et est. (Tract.) 8vo. *Paris*, 1875.
- . Supplément à l'Instruction No. 352. Côtes sud et est d'Afrique. 8vo. *Paris*, 1876.
- . Renseignements sur la partie de la côte occidentale d'Afrique comprise entre le cap Négro et le cap Lopez. (Tract.) 8vo. *Paris*, 1850.
- . Description nautique de la côte occidentale d'Afrique, depuis le cap Roxo jusqu'aux îles de Los, par C. Philippes de Kerhallet. (Tract.) 8vo. *Paris*, 1849.
- . Instructions nautiques sur la côte occidentale d'Afrique, par Charles Philippes de Kerhallet. 3 vols. 8vo. *Paris*, 1867-70-71.
- . Influence des courants sur la navigation à la côte occidentale d'Afrique, par M. A. Vallon. (Tract.) 8vo. *Paris*, 1860.
- . ALEXANDRIA. Instruction pour entrer dans le port d'Alexandrie, Egypte. (Tract.) 8vo. *Paris*, 1867.
- . ALGERIA. Description nautique des côtes de l'Algérie, par A. Bérard ; suivi des notes par M. de Tessan. 8vo. *Paris*, 1837.
- . Instructions nautiques sur les côtes de l'Algérie par Mouchez. 8vo. *Paris*, 1879.

- France. Dépôt de la Marine. AMERICA, CENTRAL.** Reconnaissance hydrographique des côtes occidentales du Centre-Amérique. Par T. de Lapelin. 8vo. *Paris*, 1854.
- . ———. Province de Veraguas (Nouvelle-Grenade), par M. de Rosencoot. 8vo. *Paris*, 1857.
- . ———. **AMERICA, NORTH.** Côte occidentale d'Amérique. Baie de San Francisco et côte au nord. 8vo. *Paris*, 1868.
- . ———. ———. Côtes de Californie. Traduites de l'américain . . . par A. Frickmann. 8vo. *Paris*, 1872.
- . ———. ———. Côtes de l'Orégon et du territoire de Washington. Instructions traduites de l'américain . . . par A. Frickmann. 8vo. *Paris*, 1872.
- . ———. ———. Instructions nautiques pour les principaux ports de la côte est de l'Amérique du Nord . . . traduit de l'anglais, par M. MacDermott. 8vo. *Paris*, 1864.
- . ———. ———. Tableau général des phares et fanaux des côtes orientales de l'Amérique du nord. (Tract.) 8vo. *Paris*, 1851.
- . ———. **AMERICA, SOUTH.** Instructions nautiques sur les côtes occidentales d'Amérique du golfe de Peñas à la Rivière Tumbez, par R. Fitz-Roy, traduit de l'anglais par M. MacDermott. 8vo. *Paris*, 1863.
- . ———. ———. Instructions nautiques sur les côtes occidentales d'Amérique de la rivière Tumbez à Panama, par R. Fitz-Roy, traduit de l'anglais par M. MacDermott. 8vo. *Paris*, 1863.
- . ———. ———. Instructions nautiques sur les côtes orientales de l'Amérique du Sud, comprises entre la Plata et le détroit de Magellan, par P. K. Parker et R. Fitz-Roy. Traduites de l'anglais par E. Hamelin. 8vo. *Paris*, 1863.
- . ———. **ATLANTIC.** Considérations générales sur l'océan Atlantique, par C. Philippes de Kerhallet. (Tract.) 8vo. *Paris*, 1852.
- . ———. ———. 3^e édition. (Tract.) 8vo. *Paris*, 1854.
- . ———. ———. Observations sur la navigation des paquebots qui traversent l'Atlantique, par A. Le Gras. (Tract.) 8vo. *Paris*, 1856.
- . ———. ———. Des vents et des coups de vent observés dans l'Atlantique Nord, sur les routes des bâtiments à vapeur allant de la Manche à New York et *vice versa*; traduit de l'anglais par M. de la Tour du Pin. 8vo. *Paris*, 1873.
- . ———. ———. Géographie physique de la partie équatoriale de l'océan Atlantique, par M. Toynbee. Traduit et résumé par M. Ch. Ploix. 4to. *Paris*, 1877.
- . ———. **AURIGNY.** Routier de l'île Aurigny . . . traduit de l'anglais, par Jules Vavin. 8vo. *Paris*, 1865.
- . ———. **AUSTRALIA.** Routier de l'Australie; traduit de l'anglais par A. Le Gras. 8vo. *Paris*, 1855.
- . ———. ———. Routier de l'Australie (côte est), détroit de Torrès et mer de Corail, traduit et annoté d'après les travaux hydrographiques les plus récents par A. Le Gras. Vol. II. 8vo. *Paris*, 1861.
- . ———. ———. Supplément au routier de l'Australie. Tom. II. Côte est, détroit de Torrès et mer de Corail. 8vo. *Paris*, 1865.

France. Dépôt de la Marine. AUSTRALIA. Routier de l'Australie, par Charles B. Yule, 1^{re} partie, Vols. I. et II. traduit de l'anglais par M. Frickmann ; 2^{me} partie, Vols. I. et II. traduit par A. Le Gras, et Vol. III. traduit par M. Besson. 5 vols.

8vo. *Paris*, 1871-73.

— — —. Suppléments aux Instructions Nos. 521, 535, 420, 486. Côtes est, nord, nord-ouest et sud de l'Australie.

8vo. *Paris*, 1877.

— — —. AZOF, SEA OF. Renseignements hydrographiques sur la mer d'Azof, recueillis et rédigés par G. C. Cloué. 8vo. *Paris*, 1856.

— — —. AZORES. Description de l'archipel des Açores, par C. Philippes de Kerhallet. (Tract.) 8vo. *Paris*, 1851.

— — —. Description nautique des Açores, par C. Philippes de Kerhallet. 2^e édition. (Tract.) 8vo. *Paris*, 1858.

— — —. BALTIC. Pilote de la mer Baltique de l'amiral G. Klint, traduit et publié par A. Le Gras. 8vo. *Paris*, 1856.

— — —. Supplément (No. 1) au Pilote de la mer Baltique. 8vo. *Paris*, 1857.

— — —. Instructions Nautiques sur la mer Baltique et le golfe de Finlande, par A. Le Gras. Tom. I., parties 1 et 2. 2nd edition. 8vo. *Paris*, 1864.

— — —. Mer Baltique. Côte de Prusse. De Memel à Darserort. 8vo. *Paris*, 1875.

— — —. Description des côtes de l'Esthonie, de la Livonie, de la Courlande, de la Prusse et de la Poméranie, jusqu'au cap Darserort, d'après les instructions nautiques de J. Hjorth.

8vo. *Paris*, 1855.

— — —. BAYONNE. Instruction pour aborder et franchir la barre de Bayonne. (Tract.) 8vo. *Paris*, 1837.

— — —. Instruction pour aller chercher la barre de Bayonne et entrer dans la rivière, ou pour relacher ou mouiller dans les environs. 8vo. *Paris*, 1863.

— — —. BEHRING'S STRAITS, ETC. Instructions pour naviguer sur les côtes de l'île Reine-Charlotte et d'Alaska, dans les îles Aléoutiennes, la mer de Behring et le détroit de Behring, traduites de l'américain par M. le Vicomte de la Tour du Pin. 8vo. *Paris*, 1873.

— — —. BLACK SEA. Pilote de la mer Noire, traduit du russe et mis à jour par H. de la Planche. Côte d'Asie.

Long 8vo. *Paris*, 1865.

— — —. Pilote de la mer Noire. Traduit du russe par M. H. de la Planche. Côte d'Europe. Long 8vo. *Paris*, 1869.

— — —. BRAZIL. Instructions pour naviguer sur la côte septentrionale du Brésil et dans le fleuve des Amazones : pour faire suite au Pilote du Brésil : par L. Tardy de Montravel. 8vo. *Paris*, 1847.

— — —. Les côtes du Brésil, description et instructions nautiques, par M. Ernest Mouchez. 1^e section. Du cap San Roque à Bahia. 8vo. *Paris*, 1874.

— — —. 2^e section. De Bahia à Rio Janeiro.

8vo. *Paris*, 1864.

— — —. 4^e section. Côte Nord. Du cap San Roque à Maranhao. 8vo. *Paris*, 1869.

- France. Dépôt de la Marine. BREST.** Essai sur l'atterrissage et l'entrée de la rade de Brest par temps brumeux, avec un bâtiment à vapeur. Par H. de Roujoux. 8vo. *Paris*, 1868.
- . **BRISTOL CHANNEL.** Instructions pour naviguer dans le canal de Bristol. Par E. J. Bedford. Traduit par Paul Martin. 8vo. *Paris*, 1870.
- . **CANARIES, ETC.** Description de l'archipel des Canaries et de l'archipel des îles du Cap Vert. Par C. Philippes de Kerhallet. (Tract.) 8vo. *Paris*, 1851.
- . **CAPE DE VERDE.** Description nautique des îles du Cap Vert par C. Philippes de Kerhallet. 2^e édition. 8vo. *Paris*, 1858.
- . ———. Instructions nautiques sur les îles du Cap Vert, par C. P. de Kerhallet et A. Le Gras. 8vo. *Paris*, 1879.
- . **CAPE OF GOOD HOPE.** Rapport sur une nouvelle route pour doubler le cap de Bonne-Espérance, de l'est à l'ouest, pendant la saison d'hiver, de mai à septembre, proposée par M. Briet. 8vo. *Paris*, 1863.
- . **CHERBOURG.** Notice sur la carte des environs de Cherbourg, par M. Keller. (Tract.) 8vo. *Paris*, 1861.
- . **CHILI, ETC.** Instructions nautiques sur les côtes du Chili et de la Bolivie, d'après les documents les plus récents, par F. Charbonneau. 8vo. *Paris*, 1873.
- . **CHINESE SEAS.** Rapport sur la campagne de la corvette La Bayonnaise dans les mers de Chine, par M. E. Jurieu de Lagravère. (Tract.) 8vo. *Paris*, 1851.
- . ———. Mer de Chine. . . . Parties I., III., IV., et V. compilées, . . . par A. Le Gras. 4 vols. 8vo. *Paris*, 1865-68.
- . ———. Instructions nautiques sur les côtes est de la Chine, la mer Jaune, les golfes de Pe-Chili et de Lian-Tung, et la côte ouest de la Corée, traduits sur la dernière édition du 'China Pilot,' par M. de Vautré, et annotées par M. A. Le Gras. 8vo. *Paris*, 1863.
- . ———. Supplément aux Instructions (No. 373) sur la mer de Chine. II. partie, contenant des instructions sur les côtes est de Chine, la mer Jaune, les golfes de Pe-Chili et de Lian-Tung et la côte ouest de la Corée, traduit de la dernière édition du 'China Pilot,' par M. Costa. 8vo. *Paris*, 1865.
- . ———. Deuxième supplément aux Instructions (No. 373) sur la mer de Chine. 2^e partie, contenant des renseignements nautiques sur la côte ouest de la Corée et la rivière de Séoul, etc. Par C. A. Roze. 8vo. *Paris*, 1867.
- . ———. Mer de Chine. 3^e partie. Instructions nautiques sur les îles et les passages entre les Philippines et le Japon et les îles du Japon, etc., par A. Le Gras. 8vo. *Paris*, 1877.
- . ———. Mer de Chine. 3^e partie. Supplément No. viii. à l'Instruction No. 426. Îles du Japon. 8vo. *Paris*, 1871.
- . ———. Mer de Chine. 4^e partie. Supplément No. iii. à l'Instruction No. 447. 8vo. *Paris*, 1871.
- . ———. Mer de Chine. Route de Sincapour à Saigon. 8vo. *Paris*, 1863.

France. Dépôt de la Marine. CHINA AND JAPAN. Notice météorologique sur les mers comprises entre la Chine et le Japon.

4to. *Paris*, 1879.

———. **CHRONOMETRY, ETC.** Recherches sur les variations de la marche des pendules et des chronomètres, par A. Lieussou. (Tract.)

8vo. *Paris*, 1854.

———. **Observations chronométriques** faites pendant la campagne de circumnavigation de la corvette la Capricieuse, par E. Mouchez. (Tract.)

8vo. *Paris*, 1855.

———. **Recherches chronométriques.** [Sur les Chronomètres et les Instruments Nautiques.] Cah. 1 et 5-12.

8vo. *Paris*, 1859-76.

———. **COCHIN CHINA.** Mémoire sur les marées de la Basse Cochinchine, par M. G. Héraud.

8vo. *Paris*, 1873.

———. **Annuaire des marées de la Basse Cochinchine** pour les années 1873, 1874 et 1876-1879.

8vo. *Paris*, 1872-78.

———. **Annuaire des marées de la Basse Cochinchine et du Tong-kin** pour l'an 1880.

24mo. *Paris*, 1879.

———. **COMPASS DEVIATIONS.** Manuel de l'Amirauté pour les déviations des compas par F. J. Evans et Archibald Smith. 3^{me} édition, traduite par M. A. Collet.

8vo. *Paris*, 1870.

———. **Sur l'emploi du compas Etalon et la courbe des déviations à bord des navires en fer et autres**, par M. B. Darondeau.

8vo. *Paris*, 1863.

———. **COMPASS REGULATION.** Note sur la régulation des compas par des observations de force horizontale, par M. E. Caspari.

8vo. *Paris*, 1873.

———. **COREA, ETC.** Description hydrographique de la côte orientale de la Corée et du golfe d'Osaka, traduite du russe par M. H. de la Planche. (Tract.)

8vo. *Paris*, 1861.

———. **CORSICA.** Instructions nautiques sur les côtes de Corse, par M. Sallot des Noyers.

8vo. *Paris*, 1865.

———. **CRETE.** Instructions sur l'île de crète ou Candie, par le commandant Spratt, traduction par A. Le Gras. (Tract.)

8vo. *Paris*, 1861.

———. **DARDANELLES.** Instructions nautiques sur le détroit des Dardanelles, la mer de Marmora, et le Bosphore, par A. Le Gras.

8vo. *Paris*, 1853.

———. **DENMARK.** Le Pilote Danois, traduit de la dernière édition du Danske-Lods, du dépôt Hydrographique de Copenhague.

8vo. *Paris*, 1855.

———. **ECUADOR, ETC.** Instructions nautiques sur les côtes de l'Equateur et des Etats-Unis de Colombie, d'après les Capitaines Kellett et de Rosencot, par F. Chardonneau.

8vo. *Paris*, 1874.

———. **ENGLAND.** Instructions pour naviguer sur la côte occidentale d'Angleterre, de Milford Haven à la Mull of Galloway, traduites d'anglais par A. Frickmann.

8vo. *Paris*, 1873.

———. **Côte est d'Angleterre.** Supplément à l'Instruction No. 302.

8vo. *Paris*, 1870.

- France. Dépôt de la Marine. ENGLISH CHANNEL.** Exposé du régime des courants observés depuis le xvi^e siècle jusqu'à nos jours dans la Manche et la mer d'Allemagne, etc. Par F. A. E. Keller. (Tract.) 8vo. *Paris*, 1855.
- . ———. Portulan des côtes de la Manche, du canal de Bristol et de la côte sud de l'Irlande, traduit des instructions anglaises de M. White et J. Purdy, extrait du pilote français de M. Givry, et complété d'après les renseignements les plus récents, par V. A. Moulac. 8vo. *Paris*, 1855.
- . ———. Pilote de la Manche. Côtes sud et sud-ouest de l'Angleterre. Par John W. King, traduit de l'anglais par M. Sallot des Noyers. 8vo. *Paris*, 1869.
- . ———. Côtes nord de France. Par M. Thomassin. Vol. I. De la pointe de Penmarch à l'île de Bas. 8vo. *Paris*, 1871.
- . ———. ———. 2^{me} partie. De l'île de Bas aux Héaux de Bréhat. 8vo. *Paris*, 1874.
- . ———. ———. 3^{me} partie. Des Héaux de Bréhat au cap de la Hague. 8vo. *Paris*, 1875.
- . ———. ———. Annuaire des courants de marée de la Manche pour l'an 1879, par M. Gaussin. 8vo. *Paris*, 1879.
- . ———. ———. Annuaire des courants de marée de la Manche pour l'an 1880. 8vo. *Paris*, 1880.
- . ———. FINLAND AND BOTHNIA, GULFS OF. Description du golfe de Finlande et de l'entrée du golfe de Bothnie, d'après les instructions nautiques de J. Hjorth. 8vo. *Paris*, 1854.
- . ———. FRANCE. Annuaire des marées des côtes de France pour les années 1849-1877. [Incomplete set.] 12mo. *Paris*, 1848-76.
- . ———. ———. Exposé des opérations géodésiques exécutés sur les côtes septentrionales de France, par P. Bégat. 4to. *Paris*, 1839.
- . ———. ———. Exposé des opérations géodésiques exécutés sur les côtes méridionales de France, par P. Bégat. 4to. *Paris*, 1844.
- . ———. ———. Pilote français. Instructions nautiques (Partie des côtes septentrionales de France comprise entre la pointe de Barfleur et Dunkerque et partie des côtes de France comprise entre les Casquets et la pointe de Barfleur.—Environs de Cherbourg), rédigées par M. Givry. 4to. *Paris*, 1842-45.
- . ———. ———. Pilote des côtes sud de France. Par A. Germain. Texte. 8vo. *Paris*, 1876.
- . ———. ———. Vues. Sm. fol. *Paris*, 1876.
- . ———. ———. Pilote des côtes nord de France. 1^{er} volume. Cherbourg au Havre, par M. Estignard. 8vo. *Paris*, 1876.
- . ———. ———. Pilote des côtes ouest de France. Par A. Bouquet de la Grye. 2 vols. 8vo. *Paris*, 1869-73.
- . ———. GIBRALTAR. Manuel de la navigation dans le détroit de Gibraltar, par C. A. Vincendon-Dumoulin et C. P. de Kerhallet. 8vo. *Paris*, 1857.
- . ———. GUADELOUPE. Pilote de la Guadeloupe, par M. E. Ploix. 8vo. *Paris*, 1875.
- . ———. GUERNSEY. Pilote de l'île Guernesey publié par ordre de l'Amirauté anglaise et traduit par M. Massias. 8vo. *Paris*, 1864.

- France. Dépôt de la Marine. GUIANA.** Instructions nautiques pour naviguer sur les côtes des Guyanes, par M. Sardy de Montravel. (Tract.) 8vo. *Paris*, 1851.
- . **GUIANA, FRENCH.** Renseignements sur la navigation des côtes et des rivières de la Guyane française, par M. Em. Courg. 8vo. *Paris*, 1865.
- . ———. **Guyane française et fleuve des Amazones.** 8vo. *Paris*, 1877.
- . ———. **GUINEA.** Guide pour l'usage des cartes des vents et des courants du golfe de Guinée, par M. de Brito Capello, traduit du portugais par MM. West et A. Le Gras. (Tract.) 8vo. *Paris*, 1862.
- . ———. **HOLLAND and BELGIUM.** Tableau général des phares et fanaux des côtes de Hollande et de Belgique. (Tract.) 8vo. *Paris*, 1849.
- . ———. **HYDROGRAPHY.** Annales hydrographiques, recueil d'avis, instructions, documents et mémoires relatifs à l'hydrographie et à la navigation. Tom. I.-VIII., X.-XXIII., and XXXV., etc. 8vo. *Paris*, 1849, etc.
- . ———. ———. Mélanges hydrographiques, ou recueil de documents relatifs à l'hydrographie et de la navigation. Tom. I.-III. 8vo. *Paris*, 1846-47.
- . ———. ———. Recherches hydrographiques sur le régime des côtes. Cahiers I.-IV. et VI.-IX. 4to. *Paris*, 1874-78.
- . ———. **ICELAND.** Instructions nautiques sur les côtes d'Islande, par M. Barlatier de Mas. (Tract.) 8vo. *Paris*, 1862.
- . ———. ———. Renseignements sur quelques mouillages de la côte d'Islande et de Norvège, par M. Thoyon (1863-1864). 8vo. *Paris*, 1865.
- . ———. **INDIA.** Pilote de la côte occidentale de l'Hindoustan . . . par A. D. Taylor, traduit de l'anglais par J. Lafont. 8vo. *Paris*, 1868.
- . ———. **INDIAN ARCHIPELAGO.** Instructions sur les îles et les passages du grand archipel d'Asie, rédigées d'après les documents les plus récents . . . par M. Sallot des Noyers. 5 vols. 8vo. *Paris*, 1867-68.
- . ———. ———. Détroit de Banka. Nouvelle passe pour donner dans le détroit en venant du sud. Position de quelques écueils dans la mer de Corail. Par A. Le Gras. (Tract.) 8vo. *Paris*, 1860.
- . ———. **INDIAN OCEAN.** Instructions nautiques sur les mers de l'Inde, par James Horsburgh, traduites de l'anglais, en 1837, par M. Le Prédour. 2^e édition. Tom. II. 4to. *Paris*, 1856.
- . ———. ———. ———. 3^e édition. Tom. III. Part 2. 4to. *Paris*, 1860.
- . ———. ———. Considérations générales sur l'océan Indien, par C. Philippes de Kerhallet. (Tract.) 8vo. *Paris*, 1851.
- . ———. ———. ———. 2^e édition. (Tract.) 8vo. *Paris*, 1853.
- . ———. ———. Océan Indien. Golfe du Bengale, depuis la pointe de Galle jusqu'à la tête d'Achem, compilé par M. Weyl. 8vo. *Paris*, 1877.

- France. Dépôt de la Marine. INDIAN OCEAN. Océan Indien. Ile de Ceylan.** Description des basses et des dangers qui sont près de la côte S.E. d'île de Ceylan. (Tract.) 8vo. *Paris*, 1861.
- . ———. Mémoire sur les ouragans de la mer des Indes au sud de l'équateur, par A. Lefebvre. (Tract.) 8vo. *Paris*, 1852.
- . ———. Table chronologique de quatre cents cyclones qui ont sévi dans les Indes occidentales et dans l'océan Atlantique du nord, pendant un intervalle de 362 années (depuis 1493 jusqu'en 1855), par Andrès Poey. 8vo. *Paris*, 1862.
- . ———. Notes sur la forme des Cyclones dans l'océan Indien, etc. Par M. Meldrum. 8vo. *Paris*, 1874.
- . ———. Renseignements nautiques sur quelques îles éparses de l'océan Indien Sud, Prince Edouard, Crozet, Kerguelen, MacDonald, Rodriguez, Maurice, la Réunion, Saint Paul et Amsterdam, les Seychelles, Madagascar et Mayotte. 8vo. *Paris*, 1879.
- . ———. **IRELAND.** Instructions nautiques pour la côte d'Irlande. Par Richard Hoskyn. 1^e partie traduit par H. de Laplanche ; 2^e partie par J. Lafont. 8vo. *Paris*, 1870-71.
- . ———. **JAPAN, ETC.** Description des îles et des passages compris entre la partie nord de l'île Luçon et îles les du Japon, par A. Le Gras. (Tract.) 8vo. *Paris*, 1857.
- . ———. Renseignements hydrographiques sur les îles Formose et Lou-tchou, la Corée, la mer du Japon, et la mer d'Okhotsk, mis en ordre et publiés par A. Le Gras. (Tract.) 8vo. *Paris*, 1859.
- . ———. ———. 2^e édition. (Tract.) 8vo. *Paris*, 1860.
- . ———. Le Séto Utchi, mer intérieure du Japon et ses approches. Instructions nautiques rédigées . . . par M. A. Banaré. 8vo. *Paris*, 1876.
- . ———. **JAVA, ETC.** Instructions nautiques sur les traversées d'aller et de retour de la Manche à Java par C. Le Helloco. 4to. *Paris*, 1861.
- . ———. **JERSEY.** Routier de l'île Jersey, par John Richards, traduit de l'anglais par M. Jules Vavin. 8vo. *Paris*, 1866.
- . ———. **KATTEGAT.** Le Kattegat, le Sund et les Belts. Extrait du Danske-Lods : traduit du danois par A. Le Gras. 8vo. *Paris*, 1873.
- . ———. **LABRADOR.** Supplément à l'Instruction No. 353. Labrador : Côte nord-est. 8vo. *Paris*, 1876.
- . ———. **LIGHTHOUSES.** Phares des mers du Globe. Par Alexandre Le Gras. 8vo. *Paris*, 1856.
- . ———. ———. Supplément aux livres des Phares. 1857-1859. 8vo. *Paris*, 1857-59.
- . ———. **MADAGASCAR.** Madagascar, côte orientale. Partie comprenant l'île Fong, Tamatave, Foulepointe, Mahambo, Fénériver, Sainte-Marie et Tintingue. Par M. Germain. 8vo. *Paris*, 1864.
- . ———. **MADEIRA, ETC.** Description nautique de Madère et des Canaries par C. Philippes de Kerhallet. 2^e édition. 8vo. *Paris*, 1858.

- France. Dépôt de la Marine. MAGELLAN'S STRAITS.** Instructions pour naviguer dans le détroit de Magellan et les canaux conduisant au golfe de Penâs, par R. C. Mayne. Traduit de l'anglais par MM. E. Talpomba et E. de Lapierre.
8vo. *Paris*, 1872.
- . ——. **MOROCCO.** Description nautique de la côte N. du Maroc, par C. A. Vincendon-Dumoulin et C. P. de Kerhallet.
8vo. *Paris*, 1857.
- . ——. **MARQUESAS.** Notes sur la navigation de l'archipel des Marquises pendant les années 1855-1856. Par M. Jouan. (Tract.)
8vo. *Paris*, 1858.
- . ——. **MARTINIQUE.** Description nautique des côtes de la Martinique, précédée d'un mémoire sur les opérations hydrographiques et géodésiques exécutés dans cette île en 1824 et 1825, par P. Monnier.
8vo. *Paris*, 1828.
- . ——. **MEDITERRANEAN.** Mer Méditerranée . . . Par J. S. Bayot.
8vo. *Paris*, 1876.
- . ——. ——. Mer Méditerranée. Côtes sud et sud-est d'Espagne, du détroit de Gibraltar à la frontière de France, et les îles Baléares.
8vo. *Paris*, 1875.
- . ——. ——. Mer Méditerranée. Golfe de Gênes, côtes ouest et sud d'Italie (de la frontière de France à Brindisi).
8vo. *Paris*, 1878.
- . ——. ——. Considérations générales sur la mer Méditerranée. Vents, courants, et routes de cette mer . . . mis en ordre par A. Le Gras.
8vo. *Paris*, 1866.
- . ——. ——. Tableau général des phares et fanaux des côtes de la Méditerranée de la mer Noire et de la mer d'Azof. (Tract.)
8vo. *Paris*, 1852.
- . ——. **METEOROLOGY.** Des Typhons de 1848. Par F. A. E. Keller. (Tract.)
8vo. *Paris*, 1849.
- . ——. ——. Instructions destinées à accompagner les Cartes de Vents et de Courants, par M. F. Maury, traduites par Ed. Vannechout.
4to. *Paris*, 1859.
- . ——. ——. Météorologie nautique. Vents et Courants. Routes Générales, extrait des 'Sailing Directions' de Maury et des travaux les plus récents, par M. Charles Ploix.
4to. *Paris*, 1863.
- . ——. ——. Explication et usage des Wind and Current Charts, par E. Tricault. (Tract.)
8vo. *Paris*, 1857.
- . ——. ——. Des Ouragans, Tornados, Typhons et Tempêtes. Typhons de 1848; Typhon de 1843. Par M. F. A. E. Keller.
8vo. *Paris*, 1861.
- . ——. ——. Le vrai principe de la Loi des Ouragans, appliqué d'une manière pratique aux deux hémisphères, par James Sedgwick. Traduit de l'anglais par H. de l'Aulnoit.
8vo. *Paris*, 1861.
- . ——. ——. La Loi des Tempêtes considérée dans ses rapports avec les mouvements de l'atmosphère, par H. W. Dove; traduit par A. Le Gras.
8vo. *Paris*, 1864.
- . ——. ——. Nouvelle classification des Nuages, suivie d'Instructions pour servir à l'observation des nuages et des courants atmosphériques, par André Poey.
8vo. *Paris*, 1873.

- France. Dépôt de la Marine. MEXICO, ETC.** Manuel de la Navigation dans la mer des Antilles et dans le golfe du Mexique, par C. P. de Kerhallet. 2 vols. 8vo. *Paris*, 1853.
- . ———. Manuel de la Navigation dans la mer des Antilles et dans le golfe du Mexique, par Charles Philippes de Kerhallet. 2^e édition. Parties 1-3. 3 vols. 8vo. *Paris*, 1862-64.
- . ———. Mer des Antilles et golfe du Mexique. 2^e partie. (2^e et 3^e parties du Manuel de la Navigation dans la mer des Antilles, par A. Le Gras.) 4to. *Paris*, 1875.
- . ———. Mer des Antilles et golfe du Mexique. 1^e partie ... compilée par M. A. Sallot des Noyers. 8vo. *Paris*, 1876.
- . ———. Instructions nautiques sur les côtes ouest du Centro-Amérique et du Mexique rédigées d'après les travaux de M. Le Contre-Amiral de Lapelin, et les documents anglais et américains, par A. Pailhès. 8vo. *Paris*, 1879.
- . ———. Note sur les traversées de retour du golfe du Mexique en France. Par M. B. F. Grasset. Route d'Europe au Mexico. 8vo. *Paris*, 1866.
- . ———. NEW CALEDONIA. Instructions sur la Nouvelle-Calédonie, par M. Tardy de Montravel. (Tract.) 8vo. *Paris*, 1857.
- . ———. Instructions nautiques sur la Nouvelle-Calédonie, par MM. de Montravel, Grimoult et Jouan. 8vo. *Paris*, 1867.
- . ———. Instructions nautiques sur la Nouvelle-Calédonie, par MM. Chambeyron et Banaré, suivies d'une Note sur les îles Loyalty, par M. Jouan. 8vo. *Paris*, 1869.
- . ———. Renseignements nautiques sur la Nouvelle-Calédonie et les îles Loyalty, par M. Grimoult. (Tract.) 8vo. *Paris*, 1859.
- . ———. Instructions à donner aux bâtiments venant en Nouvelle-Calédonie par le cap de Bonne-Espérance. Par E. du Bouzet. (Tract.) 8vo. *Paris*, 1857.
- . ———. NEWFOUNDLAND. Pilote de Terre-neuve, et supplément, par G. C. Cloué. 2 vols. 8vo. *Paris*, 1869-70.
- . ———. Supplément aux Instructions Nos. 468 et 469. Terre-neuve. Côtes est et sud. 8vo. *Paris*, 1876.
- . ———. NEW ZEALAND. Le Pilote de la Nouvelle-Zélande, d'après les travaux exécutés par les navires de S. M. B. l'Achéron et la Pandora. . . . Compilation faites par G. H. Richards et F. J. Evans. 3^e édition. Traduit de l'anglais par A. Jouan; revu . . . par M. Sallot des Noyers. Parties 1-2. Long 8vo. *Paris*, 1865.
- . ———. NILE. Etude sur les embouchures du Nil et sur les changements qui s'y sont produits dans les derniers siècles, d'après une reconnaissance hydrographique exécutée en 1860 par M. Larousse. 8vo. *Paris*, 1872.
- . ———. NORTH SEA. Mer du Nord. Traduction du Pilote publié par ordre de l'amirauté anglaise, par A. Le Gras. Parties I. et III. 2 vols. 8vo. *Paris*, 1858-60.
- . ———. Mer du Nord. 3^e partie. Côtes est d'Angleterre. 8vo. *Paris*, 1876.

- France. Dépôt de la Marine. NORTH SEA.** Guide du Marin et du Caboteur sur les côtes est de la mer du Nord depuis le cap Grisnez jusqu'au nord du Danemark, sur les côtes de la mer Baltique, sur les côtes ouest de Norvège, et sur celles de la mer Blanche, par P. Guéry. 8vo. *Paris*, 1863.
- . ———. Avis aux Navigateurs. Mer de Nord, mer Baltique, et mer Blanche. 8vo. *Paris*, 1861.
- . ———. **NORWAY.** Pilote Norvégien d'après les travaux de la direction Hydrographique de Norvège, réunis et traduits par le Baron de Long. 8vo. *Paris*, 1858.
- . ———. **NOVA SCOTIA.** Routier de la baie de Fundy et de la Nouvelle-Ecosse. (Tract.) 8vo. *Paris*, 1861.
- . ———. Instructions nautiques pour la côte sud-est de la Nouvelle-Ecosse et la baie de Fundy, par G. F. McDougall. Traduit de l'anglais par M. J. Lafont. 8vo. *Paris*, 1869.
- . ———. **PACIFIC, ETC.** Renseignements nautiques sur quelques ports de l'Océanie, de la Nouvelle-Hollande et de la mer Rouge, par R. Foy. (Tract.) 8vo. *Paris*, 1866.
- . ———. Océan Pacifique nord. Renseignements sur les îles Havaii ou Sandwich, etc. Compilés par M. Frickmann. 8vo. *Paris*, 1871.
- . ———. Océan Pacifique. Renseignements sur les archipels Marshall et Gilbert, d'après les documents les plus récents, réunis par A. Le Gras. 8vo. *Paris*, 1874.
- . ———. Considérations générales sur l'Océan Pacifique, par C. Philippes de Kerhallet. 8vo. *Paris*, 1851.
- . ———. ———. 2^e édition. 8vo. *Paris*, 1856.
- . ———. ———. Détermination des Longitudes au moyen des chronomètres. Observations pour la détermination des longitudes des îles Taiti, Ana, Faarava, Taroa, Manihi, Auura, Rairoa, par A. Kulczycki; discussion par M. Vincendon-Dumoulin. (Tract.) 8vo. *Paris*, 1851.
- . ———. ———. Observations chronométriques et autres, faites en 1853, dans l'archipel des Pomotous, par MM. Paschappe et de la Mark. (Tract.) 8vo. *Paris*, 1857.
- . ———. ———. Océan Pacifique Sud. (Notice No. 3) Les îles Salomon. 8vo. *Paris*, 1879.
- . ———. ———. (Notice No. 4) Nouvelles Hébrides, îles Banks et archipel de Santa-Cruz. 8vo. *Paris*, 1879.
- . ———. ———. (Notice No. 5) Îles Wallis. 8vo. *Paris*, 1879.
- . ———. **PATAGONIA.** Instructions nautiques sur les côtes de la Patagonie, depuis la Terre des Etats, à l'est, jusqu'au cap Tres Montes, à l'ouest, compris le détroit de Magellan et la côte du Large de la Terre de Feu. Traduites de l'ouvrage anglais des Capitaines P. King et R. FitzRoy, par Paul Martin. 8vo. *Paris*, 1863.
- . ———. ———. Renseignements nautiques sur les côtes de Patagonie. Par M. Dupin-de-Saint-André. (Tract.) 8vo. *Paris*, 1862.
- . ———. ———. (Supplément à l'Instruction No. 361.) Renseignements sur la côte nord du golfe Saint-Georges (Patagonie), par J. B. Olry. 8vo. *Paris*, 1877.

- France. Dépôt de la Marine. PATAGONIA. Détroit de Magellan et canaux latéraux ; Cap Horn et Terre de Feu. Instruction par Paul Cave. 8vo. Paris, 1879.
- . PERSIAN GULF. Le Pilote du golfe Persique comprenant le golfe d'Omman. 2 parts. Long 8vo. Paris, 1866.
- . PERU. Instructions nautiques sur la côte du Pérou, par F. Chardonneau, d'après Aurelio Garcia y Garcia. 8vo. Paris, 1872.
- . PHILIPPINES. Renseignements sur les îles de Manille à Ilo-ilo, à Zebu et à Samboangon. Supplément No. VI. à l'instruction 447. 8vo. Paris, 1879.
- . PORTUGAL. Description des côtes du Royaume du Portugal, compilé d'après les travaux les plus récents, par A. Le Gras. (*Edition de 1869.*) 8vo. Paris, 1869.
- . RED SEA. Renseignements sur la mer Rouge, par M. Lapierre. 8vo. Paris, 1863.
- . Instructions pour naviguer dans la mer Rouge. Par A. Le Gras. 8vo. Paris, 1870.
- . RIO DE LA PLATA. Manuel de la Navigation dans le Rio de la Plata, par A. Boucarut. (Tract.) 8vo. Paris, 1857.
- . Nouveau Manuel de la Navigation dans le Rio de la Plata d'après les documents français et espagnols. Par Ernest Mouchez. (Tract.) 8vo. Paris, 1862.
- . RUSSIA. Description hydrographique des côtes septentrionales de la Russie, par M. Reinèke. Première partie. Mer Blanche. Deuxième partie. Côte de la Laponie. Traduction de russe par H. de La Planche. (Tract.) 8vo. Paris, 1860-62.
- . SAILING DIRECTIONS. Résumé de la partie physique et descriptive des Sailing Directions du Lieut. Maury, par E. Tricault. 8vo. Paris, 1857.
- . ST. LAWRENCE. Pilote du golfe et du fleuve St. Laurent. Parties 1 et 3. Par H. W. Bayfield ; traduction par A. Le Gras et A. MacDermott. 2 vols. 8vo. Paris, 1863-65.
- . SCOTLAND. Instructions pour la navigation de la côte ouest d'Ecosse, traduites et mises en ordre par M. Frickmann, 1^e partie. Hébrides, ou îles de l'ouest. 8vo. Paris, 1869.
- . Instructions nautiques. Côte ouest d'Ecosse. Traduit de l'anglais par M. L. de la Chauvinière. 2^e partie. 8vo. Paris, 1874.
- . Instructions nautiques sur le sound de Harris et le petit Minch. Traduit par A. Le Gras. (Tract.) 8vo. Paris, 1862.
- . SOUTHERN HEMISPHERE. Etude sur les ouragans de l'hémisphère Austral, par M. Bridet. 2^e édition. 8vo. Paris, 1869.
- . SPAIN. Routier de la côte nord d'Espagne, traduit de l'espagnol par A. Le Gras. 8vo. Paris, 1864.
- . Routier des côtes N.O., ouest et sud d'Espagne, rédigé par A. Le Gras. 8vo. Paris, 1869.
- . and PORTUGAL. Instructions sur les côtes d'Espagne et de Portugal, de la Corogne au cap Trafalgar, rédigées par M. A. Le Gras. 8vo. Paris, 1878.

- France. Dépôt de la Marine. SYRIA.** Renseignements hydrographiques et statistiques sur la côte de Syrie par M. Desmoulins. (Tract.) 8vo. *Paris*, 1862.
- . **TENERIFFE ETC.** Instruction à suivre pour aller mouiller sur la rade de Santa-Cruz (côte orientale de l'île de Ténériffe). (Tract.) 8vo. *Paris*, no date.
- . **VANCOUVER ISLAND.** Pilote de l'île Vancouver. Par G. H. Richards; traduit par H. Perigot. 8vo. *Paris*, 1863.
- . ———. Pilote de l'île Vancouver. Par G. H. Richards; traduit de l'anglais par M. Hocquart. 2me partie. 8vo. *Paris*, 1867.
- France. Géographie de la France.** 5 vols. 8vo. *Paris*, 1802.
- France (Mines etc.).** Edicts, ordonnances, arrests, et reglements sur le fait, ordre, et police des mines et minières de France, depuis le Roy Charles VI, jusques à Louis XIII, à présent regnant. 12mo. *Paris*, 1631.
- Francfort (E.).** Miniere cani ed annesso stabilimento metallurgico in Vallanzasca. (Tract.) 8vo. *Pallanza*, 1859.
- Franke (J. F. A.).** Schnee-Krystalle, beobachtet in Dresden 1845 und 1846. (Tract.) 8vo. *Dresden*, 1860.
- Franklin (Sir John).** Narrative of a second Expedition to the Shores of the Polar Sea in the years 1825, 1826, and 1827; including an account of a detachment to the eastward, by John Richardson. 4to. *London*, 1828.
- Franklyn (Dr.).** On the Eruption of Mount Etna. (Tract.) MS. 1809.
- Frapoli or Frapolli (L.).** Mémoire sur la disposition du terrain Silurien dans le Finistère, etc. (Tract.) 8vo. *Paris*, 1845.
- . Faits qui peuvent servir à l'histoire des dépôts de gypse, de dolomie et de sel-gemme. (Tract.) 8vo. *Paris*, 1847.
- . Quelques mots à propos d'une carte géologique des collines subhercyniennes, et essai d'une topographie géologique de ce pays. (Tract.) 8vo. *Paris*, 1847.
- . Réflexions sur la nature et sur l'application du caractère géologique. (Tract.) 8vo. *Paris*, 1847.
- . See **PILLA (Leopoldo).**
- Frauenfeld (Georg von).** Ueber die sogenannte Sägsän-See, beobachtet während der Weltreise der Novara. (Tract.) 8vo. *Vienna*, 1862.
- . Die Grundlagen des Vogelschutzgesetzes. (Tract.) 8vo. *Vienna*, 1871.
- . Die Pflege der Jungen bei Thieren. (Tract.) 8vo. *Vienna*, 1871.
- Frazer (George Alexander).** See **ADMIRALTY PUBLICATIONS.**
- Frears (H.).** See **AUERBACH (J.).**
- Freeman (John).** Life of the Rev. William Kirby, Rector of Barham. 8vo. *London*, 1852.
- Freiesleben (Johann Carl).** Bemerkungen über den Harz. 8vo. *Leipzig*, 1795.
- . Geognostische Arbeiten. 6 vols. 8vo. *Freiberg*, 1807–17.
- Freke (H.).** Observations on Mr. Darwin's recently published work 'On the Origin of Species by means of Natural Selection.' (Tract.) 4to. *Dublin*, 1860.

- Freke (H.).** On the Origin of Species by means of Organic Affinity.
8vo. *London, Dublin, and Edinburgh*, 1861.
- . An Appeal to Physiologists and the Press. (Tract.)
8vo. *Dublin*, 1862.
- Fremerij (Nicol Cornelis de).** Over eenen Hoorn en Gedeelte des Bekke-
neels van *Bos primigenius*, in 1825 bij de Eembrugge gevonden. Mit
Bijvoegsel van C. G. C. Reinwardt. (Tract.) 4to. *Amsterdam*, 1831.
- . Bijdrage tot de Kennis der fossile Zoogdieren in Noord-Neder-
land gevonden. (Tract.) 4to. *Amsterdam*, 1840.
- Fremont (John Charles).** Report of the Exploring Expedition to the
Rocky Mountains in the year 1842, and to Oregon and North Cali-
fornia in the years 1843–44. 8vo. *Washington*, 1845.
- . Geographical Memoir upon Upper California in illustration of
his Map of Oregon and California. (Tract.) 8vo. *Washington*, 1848.
- and **Emory (W. H.).** Notes of Travel in California.
8vo. *New York and Philadelphia*, 1849.
- Frenzel (David).** Verzeichniss der Edelgesteine, Fossilien, Naturalien,
Erdarten und Versteinerungen, welche im Bezirk der Stadt Chem-
nitz, in Meisen gefunden und bemerkt worden. (Tract.)
8vo. *Chemnitz*, 1769.
- Fresenius (R.).** See SERIALS ETC.: GERMANY. Versammlung der deut-
schen Naturforscher und Aerzte.
- Fresnel (Augustin Jean).** See BERZELIUS (J. J.).
- Frič (Anton).** See FRITSCH (Anton).
- Frick (Georg Friedrich Christoph).** Ueber die Anwendung des Iridiums
zum Porzellanfärben. (Tract.) 8vo. *Halle*, 1834.
- Friedlander (H.).** The Country of Earth-Oil in Upper Burma. (Tract.)
Fol. *Rangoon?*, 1874.
- Friren (—).** Mélanges Paléontologiques. 1er Article. *Orthoidea, Stra-*
parolus, Ammonites, Aulacoceras et Tisoo siphonalis du Lias moyen.
(Tract.) 8vo. *Metz*, 1875.
- Frisch (Samuel Gottlob).** Lebensbeschreibung Abraham Gottlob Wern-
ers. Nebst zwei Abhandlungen über Werners Verdienste um
Oryktognosie und Geognosie, von Christian Samuel Weiss.
12mo. *Leipzig*, 1825.
- Fritsch (Anton).** Cephalopoden der böhmischen Kreideformation.
4to. *Prague*, 1872.
- . Fauna der Steinkohlenformation Böhmens. (Tract.)
8vo. *Prague*, 1876.
- . Fauna der Gaskohle und der Kalksteine der Permformation
Böhmens. Band I., Heft i. 4to. *Prague*, 1879.
- . See KREJČÍ (J.).
- Fritsch (Johann Christian).** See KUNKEL (Johann).
- Fritsch (Johann Heinrich).** Taschenbuch für Reisende ins Riesengebirge.
8vo. *Leipzig*, 1816.
- Fritsch (Karl).** Kalender der Flora des Horizontes von Prag. (Tract.)
8vo. *Vienna*, 1852.
- Fritsch (Karl von).** Beitrag zur Geognosie des Balkan. (Tract.)
4to. *Halle*, 1879.
- . Ueber neuere Beobachtungen in den Apenninen. (Tract.)
8vo. *Berlin*, 1879.

- Fritsch** (Karl von). See SURVEYS: SWITZERLAND. Matériaux pour la carte géologique de la Suisse.
- and **Reiss** (W.). Geologische Beschreibung der Insel Tenerife. Ein Beitrag zur Kenntniss vulkanischer Gebirge. 8vo. *Winterthur*, 1868.
- Frodsham** (Charles). A few remarks upon the Construction and Principles of Action of the Aneroid Barometer. (Tract.) 8vo. *London*, 1849.
- Frodsham** (W. J.). Results of Experiments on the Vibrations of Pendulums with different suspending springs. (Tract.) 4to. *London*, 1838.
- Fromentel** (E. de). Description des Polypiers fossiles de l'étage néocomien. (Tract.) 8vo. *Auxerre and Paris*, 1857.
- . Catalogue raisonné des Spongiaires de l'étage néocomien. (Tract.) 8vo. *Auxerre*, 1861.
- . See ORBIGNY (Alcide d').
- Fromherz** (Carl). Geognostische Beschreibung des Schönbergs bei Freiberg im Breisgau. (Tract.) 2 copies. 4to. *Freiberg*, 1837.
- . Die Juraformationen des Breisgaues. (Tract.) 4to. *Carlsruhe*, 1838.
- Frost** (John). Some account of the Science of Botany, etc. (Tract.) 4to. *London*, 1827.
- Fryar** (Mark). See LEBOUR (G. A.).
- Fuchs** (Carl W. C.). Practical Guide to the Determination of Minerals by the Blowpipe. Translated and edited by T. W. Danby. 8vo. *London*, 1875.
- . Vulkane und Erdbeben. 2 copies. 8vo. *Leipzig*, 1875.
- Fuchs** (Theodor). Die Conchylienfauna der Eocänbildungen von Kalinowka im Gouvernement Cherson im südlichen Russland. (Tract.) 8vo. *St. Petersburg*, 1869.
- . Beitrag zur Kenntniss der Conchylienfauna des vicentinischen Tertiärgebirges. I. Abtheilung.—Die obere Schichtengruppe, oder die Schichten von Gomberto, Laverda und Sangonini. (Tract.) 4to. *Vienna*, 1870.
- . Ueber *Dreissenomya*, ein neues Bivalvengenus aus der Familie der Mytilaceen. (Tract.) 8vo. *Vienna*, 1870.
- . Ueber eigenthümliche Störungen in den Tertiärbildungen des Wiener Beckens und über eine selbständige Bewegung loser Terrainmassen. (Tract.) 8vo. *Vienna*, 1872.
- . Das Alter der Tertiärschichten von Malta. 2 copies. (Tract.) 8vo. *Vienna*, 1874.
- . Die Tertiärbildungen von Tarent. (Tract.) 2 copies. 8vo. *Vienna*, 1874.
- . Ueber das Auftreten von Miocänschichten vom Charakter der sarmatischen Stufe bei Syrakus. (Tract.) 2 copies. 8vo. *Vienna*, 1874.
- and **Karrer** (Felix). Geologische Studien in den Tertiärbildungen des Wiener Beckens. 1–21. (Tracts.) 8vo. *Vienna*, 1868–75.
- Fuchs** (Wilhelm). Die Venetianer Alpen. Fol. *Vienna*, 1844.
- Fuhlrott** (C.). Menschliche Ueberreste aus einer Felsengrotte des Düsselthals. (Tract.) 8vo. *Bonn*, 1859.

- Fuhlrott (C.).** Der fossile Mensch aus dem Neanderthal und sein Verhältniss zum Alter des Menschengeschlechts. (Tract.)
8vo. *Duisburg*, 1865.
- Fyfe (Andrew).** On the Quantity of Saline Matter in the Water of the North Polar Seas. (Tract.)
8vo. *Edinburgh*, 1819.

G.

- Gabaglia (Giacomo Raja).** See EXHIBITION OF 1855 (Paris).
- Gabb (William M.).** Catalogue of the Invertebrate Fossils of the Cretaceous Formation of the United States. (Tract.)
8vo. *Philadelphia*, 1859.
- . Synopsis of the Mollusca of the Cretaceous Formation, including the geographical and stratigraphical range and synonymy.
8vo. *Philadelphia*, 1861.
- . Notes on American Cretaceous Fossils, with descriptions of some new species. (Tract.)
8vo. *Philadelphia*, 1876.
- . Description of a Collection of Fossils made by Dr. Raimondi in Peru. (Tract.)
4to. *Philadelphia*, 1877.
- . See SURVEYS: CALIFORNIA.
- Gagliardo (Giovanni Battista).** Descrizione topografica di Taranto.
8vo. *Naples*, 1811.
- Gaimard (Paul).** Voyage en Islande et au Groënland, exécuté pendant les années 1835 et 1836. Littérature islandaise; première partie, par M. Xavier Marmier.
8vo; Plates, fol. *Paris*, 1843.
- . See QUOY (J. R. C.).
- Gairdner (Meredith).** Essay on the Natural History, Origin, Composition, and Medicinal Effects of Mineral and Thermal Springs.
8vo. *London and Edinburgh*, 1832.
- Galeotti (Henri Guillaume).** Mémoire sur la constitution géognostique de la province de Brabant. (Tract.)
4to. *Brussels*, 1837.
- . Notice géologique sur les environs de San José del Oro, au Mexique. (Tract.)
8vo. *Brussels*, 1838.
- . Notice sur un gîte de mercure dans le sol tertiaire récent du Gigante au Mexique. (Tract.)
8vo. *Brussels*, 1838.
- . Coup d'œil sur la Laguna de Chapala au Mexique, avec notes géognostiques. (Tract.)
8vo. *Brussels*, 1839.
- . See NYST (P. H.).
- Galiffe-Pictet (—).** See PICTET (— Galiffe).
- Gallerani (Giovanni Venturi).** See VENTURI-GALLERANI (Giovanni).
- Gallitzin (Dimitri de).** Traité de Minéralogie. 8vo. *Helmstedt*, 1796.
- . Recueil de noms par ordre alphabétique appropriés en minéralogie aux terres et pierres, etc., et leurs synonymies en allemand, latin, et anglais.
8vo. *Brunswick*, 1802.
- Galloway (William).** See COAL-MINES (Explosions), and SCOTT (Robert Henry).
- Gamboa (Francisco Xavier de).** Comentarios a las Ordenanzas de Minas.
Fol. *Madrid*, 1761.
- . Commentaries on the Mining Ordinances of Spain. Translated by Richard Heathfield. 2 vols.
8vo. *London*, 1830.

- Gannett (Henry).** On the Arable and Pasture-Lands of Colorado. (Tract.) 8vo. *Washington*, 1878.
- . See SURVEYS, UNITED STATES: TERRITORIES. Miscellaneous Publications.
- Garay (José de).** Survey of the Isthmus of Tehuantepec, executed in the years 1842–43. 8vo. *London*, 1844.
- Garden (R. J.).** Notice of some Cretaceous Rocks near Natal, South Africa. (Tract.) 8vo. *London*, 1855.
- See also BAILY (William H.).
- Gardner (George).** Travels in the Interior of Brazil during the years 1836–1841. 8vo. *London*, 1846.
- Gardner (J. S.).** On Cretaceous “Aporrhaidæ.” (Tract.) 8vo. *London*, 1875.
- . On the Gault “Aporrhaidæ.” (Tract.) 8vo. *London*, 1875.
- . On Cretaceous Gasteropoda. (Tract.) 8vo. *London*, 1876.
- . Notes on Cretaceous Gasteropoda. (Tract.) 8vo. *London*, 1877.
- . On British Cretaceous Patellidæ and other Families of Patelloid Gastropoda. (Tract.) 8vo. *London*, 1877.
- . On Ettingshausen’s theory of Development of Vegetation on the earth. (Tract.) 8vo. *London*, 1877.
- . On the Lower Bagshot Beds of the Hampshire Basin. (Tract.) 8vo. *London*, 1877.
- . On the Cretaceous Dentaliidæ. (Tract.) 8vo. *London*, 1878.
- . Correlation of the Tertiary Series. (Tract.) 8vo. *London*, 1879.
- . Description and Correlation of the Bournemouth Beds. Part I. Upper Marine Series. (Tract.) 8vo. *London*, 1879.
- . On the British Eocenes and their deposition. (Tract.) 8vo. *London*, 1879.
- . Cretaceous Gasteropoda. (Tract.) 8vo. *London*, 1880.
- and Ettingshausen (Constantin von). A Monograph of the British Eocene Flora. (*Palæontographical Society*.) 8vo. *London*, 1879, etc.
- Garner (Robert).** The Natural History of the county of Stafford. 8vo. *London*, 1844.
- Garnier (Jules).** La lithologie du fond des mers, par M. Delesse. Compte-rendu et extraits. (Tract.) 8vo. *Paris*, 1873.
- Garnier (F.).** Mémoire géologique sur les terrains du Bas-Boulonnais, etc. (Tract.) 4to. *Boulogne-s.-M.*, 1823.
- Garrigou (Félix).** Etude chimique et médicale des eaux sulfureuses d’Ax (Ariège) précédée d’une notice historique sur cette ville, etc. (Tract.) 8vo. *Paris* and *Toulouse*, 1862.
- . L’homme fossile, historique général de la question et discussion de la découverte d’Abbeville. (Tract.) 8vo. *Paris* and *Toulouse*, 1863.
- . Mémoire sur les cavernes de Lherm et de Bouichéta, Ariège. (Tract.) 8vo. *Paris*, 1863.
- . Sur les crânes de la caverne de Lombrives. (Tract.) 8vo. *Paris*, 1864.
- . Etude comparative des alluvions quaternaires anciennes et des cavernes à ossements des Pyrénées et de l’ouest de l’Europe au point de vue géologique, paléontologique et anthropologique. (Tract.) 8vo. *Toulouse* and *Paris*, 1865.

- Garrigou** (Félix). *La vérité sur les objets de l'âge de la pierre polie des cavernes de Tarascon.* (Tract.) 8vo. *Paris*, 1867.
- . See **RAMES** (J.-B.).
- Gärtner** (C. L.). See **LEONHARD** (C. C.).
- Gastaldi** (Bartolomeo). *Cenni sui Vertebrati fossili del Piemonte.* (Tract.) 4to. *Turin*, 1858.
- . *Su alcune ossa di Mammiferi fossili del Piemonte.* (Tract.) 8vo. *Milan*, 1860.
- . *Cenni su alcune armi di pietra e di bronzo trovate nell' Imolese, nelle marniere del Modenese e del Parmigiano, e nelle torbiere della Lombardia e del Piemonte.* (Tract.) 8vo. *Milan*, 1861.
- . *Frammenti di geologia del Piemonte. Sugli elementi che compongono i conglomerati mioceni del Piemonte.* (Tract.) 4to. *Turin*, 1861.
- . *Nuovi cenni sugli oggetti di alta antichità trovati nelle torbiere e nelle marniere dell' Italia.* (Tract.) 2 copies. 4to. *Turin*, 1862.
- . *Intorno ad alcuni fossili della Toscana e del Piemonte.* (Tract.) 8vo. *Turin*, 1865.
- . *Lake-habitations and prehistoric Remains in the Turbaries and Marl-beds of Northern and Central Italy.* Translated by Charles Harcourt Chambers. 8vo. *London*, 1865.
- . *Sulla riescavazione dei bacini lacustri per opera degli antichi ghiacciai.* (Tract.) 4to. *Milan*, 1865.
- . *Nuove osservazioni sull' origine dei bacini lacustri.* (Tract.) 8vo. *Turin*, 1866.
- . *Alcuni dati sulle punte Alpine situate fra la Levanna ed il Rocciamealone.* (Tract.) 8vo. *Turin*, 1868.
- . *Scandagli dei laghi del Moncenisio, di Avigliana, di Trana e di Mergozzo (nei circondari di Susa, di Torino e di Pallanza) con brevi cenni sull' origine dei bacini lacustri.* (Tract.) 8vo. *Turin*, 1868.
- . *Studii geologici sulle Alpi occidentali, con appendice di G. Strüver.* 4to. *Florence*, 1871.
- . *Deux mots sur la géologie des Alpes Cottiennes.* (Tract.) 8vo. *Turin*, 1872.
- . *Appunti sulla memoria del Sig. G. Geikie 'On changes of climate during the glacial epoch.'* (Tract.) 8vo. *Turin*, 1873.
- . *Cenni sulla giacitura del *Cervus euryceros*.* (Tract.) 4to. *Rome*, 1875.
- . *Sulla cossaite, varietà sodica di onkosina.* (Tract.) 8vo. *Turin*, 1875.
- . *Sur les glaciers pliocéniques de M. E. Desor.* (Tract.) 8vo. *Turin*, 1875.
- . *Frammenti di paleetnologia italiana.* (Tract.) 4to. *Rome*, 1876.
- . *Sui fossili del calcare dolomitico del Chaberton (Alpi cozie), studiati da G. Michelotti.* (Tract.) 8vo. *Rome*, 1876.
- . *Deux mots d'explication de la carte géologique d'une partie des Alpes piémontaises.* (MS. tract.) 4to. 1878.
- . See **LESSONA** (M.), **MARTINS** (Charles), and **OMBONI** (G.).
- and **Baretti** (M.). *Sui rilevamenti geologici in grande scala, fatti nelle Alpi piemontesi nel 1875.* (Tract.) 4to. *Rome*, 1876.

- Gastaldi** (Bartolomeo) and **Mortillet** (Gabriel de). Sur la théorie de l'affouillement glaciaire. (Tract.) 2 copies. 8vo. Milan, 1
- Gatterer** (Christoph Wilhelm Jakob). Verzeichniss der vornehmsten Schriftsteller über alle Theile des Bergwerckswesens. (Tract.) 8vo. Göttingen, 1785.
- . Allgemeines Repertorium der mineralogischen, bergwerks- und salzwerkswissenschaftlichen Litteratur. 2 vols. 8vo. Giessen, 1798.
- Gaudin** (Charles Théophile). See **HEER** (Oswald), and **PICTET** (F. J.).
- and **Delaharpe** (Philippe). Flore fossile des environs de Lausanne. (Tract.) 8vo. Lausanne, 1856.
- and **Moggridge** (M.). Menton. Notes géologiques. (Tract.) 8vo. Lausanne, 1865.
- and **Rumine** (G. de). Coupe de l'axe anticlinal au dessous de Lausanne; (et) Nouveau gisement de feuilles fossiles à Lavaux, par M. Gaudin. (Tract.) 8vo. Lausanne, 1860.
- and **Strozzi** (Carlo). Mémoire sur quelques gisements de feuilles fossiles de la Toscane. 4to. Zurich, 1858.
- . Contributions à la flore fossile italienne. Second mémoire. Val d'Arno. 4to. Zurich, 1859.
- . Contributions à la flore fossile italienne. Troisième mémoire. Massa marittima. 4to. Zurich, 1859.
- Gaudry** (Albert). Sur l'origine et la formation des silex de la craie et des meulières des terrains tertiaires. (Tract.) 4to. Paris, 1852.
- . Recherches scientifiques en Orient entreprises par les ordres du gouvernement pendant les années 1853–1854. 8vo. Paris, 1855.
- . Alcide d'Orbigny, ses voyages et ses travaux. (Tract.) 8vo. Paris, 1859.
- . Contemporanéité de l'espèce humaine et de diverses espèces animales aujourd'hui éteintes. (Tract.) 8vo. Paris, 1859.
- . Résultats des fouilles exécutées en Grèce sous les auspices de l'Académie. (Tract.) 4to. Paris, 1860.
- . Note sur la Girafe et l'*Helladotherium* trouvés à Pikermi, Grèce. (Tract.) 8vo. Paris, 1861.
- . Note sur les Antilopes trouvées à Pikermi, Grèce. (Tract.) 8vo. Paris, 1861.
- . Note sur les carnassiers fossiles de Pikermi, Grèce. (Tract.) 8vo. Paris, 1861.
- . Note sur quelques os gigantesques provenant des nouvelles fouilles entreprises en Grèce. (Tract.) 8vo. Paris, 1861.
- . Sur la longévité inégale des animaux supérieurs et des animaux inférieurs dans les dernières périodes géologiques. (Tract.) 8vo. Paris, 1861.
- . Animaux fossiles et géologie de l'Attique. 4to. Paris, 1862–67.
- . Considérations générales sur les animaux fossiles de Pikermi. (Tract.) 8vo. Paris, 1866.
- . Les quadrupèdes n'appartiennent pas toujours au même âge géologique que le terrain où ils sont enfouis. (Tract.) 8vo. Paris, 1867.
- . Cours annexe de Paléontologie. (Tract.) 8vo. Paris, 1868.

- Gaudry (Albert).** Animaux fossiles du Léberon, Vaucluse. (Tract.) 4to. *Paris*, 1872.
- . Fossiles quaternaires recueillis par M. Clert à Louverné, Mayenne. (Tract.) 4to. *Paris*, 1872.
- . Cours de Paléontologie. (Tract.) 8vo. *Paris*, 1873.
- . Les êtres des temps primaires. (Tract.) 8vo. *Paris*, 1874.
- . Notice sur les travaux scientifiques du vicomte d'Archiac. (Tract.) 8vo. *Meulan*, 1874.
- . Sur l'*Anthracotherium* découvert à Saint-Menoux (Allier). (Tract.) 8vo. *Paris*, 1874.
- . Sur la découverte de Batraciens dans le terrain primaire. (Tract.) 8vo. *Meulan*, 1875.
- . Sur un Hippopotame fossile découvert à Bône, Algérie. (Tract.) 8vo. *Paris*, 1876.
- . Matériaux pour l'histoire des temps quaternaires. Fasc. 1 et 2. (Tract.) 4to. *Paris*, 1876–80.
- . Les enchaînements du monde animal dans les temps géologiques. Mammifères tertiaires. 8vo. *Paris*, 1878.
- . Les Reptiles de l'époque permienne aux environs d'Autun. (Tract.) 8vo. *Meulan*, 1879.
- . Sur les Reptiles des temps primaires. (Tract.) 4to. *Paris*, 1879.
- , **Fischer (P.)**, and **Tournouer (R.)**. Animaux fossiles du mont Léberon. 4to. *Paris*, 1873.
- and **Lartet (E.)**. Mémoires sur les résultats des recherches paléontologiques entreprises dans l'Attique sous les auspices de l'Académie. (Rapport par MM. Cordier, Flourens, etc.) (Tract.) 4to. *Paris*, 1856.
- Gauld (George)**. Observations on the Florida kays, reef, and gulf; with directions for sailing along the kays from Jamaica by the Grand Cayman and the west end of Cuba, &c. 4to. *London*, 1796.
- Gaussoin (Eugène)**. Memoir on the Island of Navassa (West Indies). 2 copies. 8vo. *Baltimore*, 1866.
- Gauthier (V.)**. See **COTTEAU (Gustave)**.
- Gautier (A.)**. Introduction philosophique à l'étude de la géologie. 8vo. *Paris*, 1853.
- Gautier (H.)**. La bibliothèque des philosophes et des sçavans tant anciens que modernes, etc. 2 vols. 8vo. *Paris*, 1723.
- Gautieri (Giuseppe)**. Confutazione dell' opinione di alcuni mineraloghi sulla volcanità de' monticelli collocati trà Grantola e Cunardo, nel dipartimento del Lario. (Tract.) 8vo. *Milan*, 1807.
- . Dell' influſso de' boschi sullo stato fisico de' paesi e sulla prosperità delle nazioni. (Tract.) 8vo. *Milan*, 1814.
- . Untersuchung über die Entstehung, Bildung und den Bau des Chalcedons und der mit ihm verwandten Steinarten, insbesondere aber des Chalcedons von Tresztyh in Siebenbürgen. 8vo. *Jena*, 1800.
- Gazeau de Vautibault (—)**. Le Trans-Saharien. (Tract.) 8vo. *Paris*, 1879.
- Gazetteers**. See **BLACKIE (W. G.)**, **BRYCE (James)**, **CARLISLE (Nicholas)**, and **MILNER (T.)**.

- Geber.** Gebri regis Arabum philosophi perspicacissimi Summa perfectionis magisterii in sua natura; ex bibliothecæ Vaticanæ exemplari undecunque emendatissimo edita; cum vera genuinaque delineatione vasorum et fornacum. Denique libri investigationis magisterii et testamenti ejusdem Gebri, ac aurei trium verborum libelli, et Avicennæ, summi medici et acutissimi philosophi, mineralium additione castigatissima. 12mo. *Dantzic*, 1682.
- Gehler** (Johann Samuel Traugott). Physikalisches Wörterbuch oder Versuch einer Erklärung der vornehmsten Begriffe und Kunstwörter der Naturlehre, etc. 6 vols. 8vo. 1796–98.
- Geikie** (Archibald). The Geology of Eastern Berwickshire. (Memoir on Map 34 of the Geological Survey of Scotland.) 8vo. *London*, 1863.
- . Outlines of the Geology of the British Isles. 8vo. *Edinburgh*, 1864.
- . Memoir of the late James David Forbes. (Tract.) 8vo. *Edinburgh*, 1869.
- . On the Progress of the Geological Survey in Scotland. Abstract of an Address to the Geological Section of the British Association, *Edinburgh*, 1871. (Tract.) 8vo. *Edinburgh*, 1871.
- . Life of Sir Roderick I. Murchison. 2 vols. 8vo. *London*, 1875.
- . See HOWELL (H. H.), JUKES (Joseph Beete), MURCHISON (Roderick Impey); and SURVEYS: GREAT BRITAIN. Museum of Practical Geology.
- Geikie** (James). On Changes of Climate during the Glacial Epoch. (Tract.) 8vo. *London*, 1872.
- . On the Geological Position and Features of the Coal- and Ironstone-bearing Strata of the West of Scotland. (Tract.) 8vo. *Newcastle*, 1872.
- . Geology. 8vo. *London* and *Edinburgh*, 1875.
- . The Great Ice Age and its relation to the antiquity of man. 8vo. *London*, 1878.
- Geinitz** (Hans Bruno). Charakteristik der Schichten und Petrefacten des sächsisch-böhmischen Kreidegebirges. 4to. *Dresden* and *Leipzig*, 1839–42.
- . Das sächsisch-böhmische Kreidegebirge. (Tract.) 8vo. *Magdeburg*, 1842.
- . Das Quadersandsteingebirge oder Kreidegebirge in Deutschland. 8vo. *Freiberg*, 1849–50.
- . Ueber den Zechstein der Wetterau. (Tract.) 8vo. *Hanau*, 1851.
- . Die Graptolithen, ein monographischer Versuch zur Beurtheilung der Grauwackenformation in Sachsen. 4to. *Leipzig*, 1852.
- . Die Versteinerungen der Steinkohlenformation in Sachsen. Fol. *Leipzig*, 1855.
- . Die geognostischen Verhältnisse in den Umgebungen der Stadt Chemnitz, etc. (Tract.) 8vo. *Dresden*, 1857.
- . Entwurf zu einem neuen Mineralsysteme. (Tract.) 8vo. *Dresden*, 1857.
- . Ueber die Wiederaufnahme des Silberbergbaues bei Höckendorf im Thale der wilden Weiseritz. (Tract.) 8vo. *Dresden*, 1857.
- . Das königliche mineralogische Museum in Dresden. (Tract.) 8vo. *Dresden*, 1858.

- Geinitz (Hans Bruno).** Die Leitpflanzen des Rothliegenden und des Zechsteingebirges oder der permischen Formation in Sachsen. (Tract.) 4to. *Leipzig*, 1858.
- . Der Gebirgsbau Sachsens und sein Einfluss auf das Studium der Naturwissenschaften in Dresden. (Tract.) 8vo. *Dresden*, 1860.
- . Die Silurformation in der Gegend von Wilsdruff und der Orthit im Syenite des Elbthales. (Tract.) 8vo. *Dresden*, 1860.
- . Dyas oder die Zechsteinformation und das Rothliegende. 2 vols. 4to. *Leipzig*, 1861–62.
- . Ueber Thierfährten und Crustaceenreste in der unteren Dyas, oder dem unteren Rothliegenden, der Gegend von Hohenelbe. (Tract.) 8vo. *Dresden*, 1862.
- . Ueber *Dalmanites Kablikæ* und *Kablikia dyadica*, Gein. (Tract.) 8vo. *Dresden*, 1863.
- . Carbonformation und Dyas in Nebraska. (Tract.) 4to. *Dresden*, 1866.
- . Ueber Fossile Pflanzen aus der Steinkohlenformation am Altai. (Tract.) 8vo. *Leipzig*, 1871.
- . Das Elbthalgebirge in Sachsen. Theil I., II. 4to. *Cassel*, 1871–74.
- . Paläontologische Mittheilungen aus dem mineralogischen Museum in Dresden. (Tract.) 8vo. *Dresden*, 1872.
- . Das königliche mineralogische Museum zu Dresden. (Tract.) 8vo. *Dresden*, 1873.
- . Mittheilungen aus dem königlichen mineralogischen Museum in Dresden für die Jahre 1872 und 1873. (Tract.) 8vo. *Dresden*, 1874.
- . Beiträge zur Geologie und Paläontologie der argentinischen Republik. 2te, paläontologischer Theil. 2te Abtheilung. Ueber rhätische Pflanzen- und Thierreste in den argentinischen Provinzen la Rioja, San Juan und Mendoza. (Tract.) 4to. *Cassel*, 1876.
See also KAYSER (Emanuel).
- . Johann Friedrich Brandt. (Tract.) 4to. *Dresden?*, 1880.
- . See REICHENBACH (Ludwig) and SAXONY.
- , **Fleck (H.)**, and **Hartig (E.)**. Die Steinkohlen Deutschland's und anderer Länder Europa's, ihr Natur, Lagerungsverhältnisse, Verbreitung, Geschichte, Statistik und technische Verwendung. 2 vols. and Atlas. 4to. *Munich*, 1865.
- and **Liebe (K. Th.)**. Ueber ein Aequivalent der takonischen Schiefer Nordamerika's in Deutschland, etc. (Tract.) 4to. *Dresden*, 1866.
- and **Sorge (C. Th.)**. Uebersicht der im Königreiche Sachsen zur Chaussee-Unterhaltung verwendeten Steinarten. 4to. *Dresden*, 1869.
- Gelas (—)**. Catalogue des statues en bronze exposées dans une grande salle du Musée Bourbon à Naples. (Tract.) 8vo. *Naples*, 1820.
- Gellert (C. E.)**. Metallurgic Chymistry, translated from the German by I. S. 8vo. *London*, 1776.
- Gemmellaro (Carlo)**. Biographical Notice. See BRANCALEONE (Salvatore).
- . Sopra alcuni pezzi di granito e di lave antiche trovati presso alla cima dell' Etna. (Tract.) 8vo. *Catania*, 1823.

- Gemmellaro (Carlo).** Considerazioni geologiche sullo zolfo. (Tract.)
2 copies. 4to. *Catania*, 1835.
- . Descrizione geognostica della costa meridionale del valle di
Messina. (Tract.) 4to. *Catania*, 1835.
- . Nuovi schiarimenti sulla teoria dello zolfo. (Tract.)
4to. *Catania*, 1854.
- . Ulteriori considerazioni sul basalto ; appendice alla Vulcanologia
dell' Etna. (Tract.) 4to. *Catania*, 1860.
- Gemmellaro (Gaetano Giorgio).** Ricerche sui pesci fossili della Sicilia.
Parte prima. 4to. *Catania*, 1858.
- . Caprinellidi della zona superiore della Ciaca dei dintorni di
Palermo. Ricerche paleontologiche. 4to. *Palermo*, 1865.
- . Nerinee della Ciaca dei dintorni di Palermo. 4to. *Palermo*, 1866.
- . Sopra alcune faune giuresi e liasiche di Sicilia. Fascicolo 1° e 2°.
(Tract.) 4to. *Palermo*, 1872.
- Gemmellaro (Giuseppe).** Sunto del giornale della eruzione dell' Etna del
1852. (Tract.) 4to. *Catania*, 1853.
- Gemmellaro (Mario).** Curiosi venuti all' Etna. (Tract.)
MS. fol. No date.
- Genssane (— de).** Histoire naturelle de la province de Languedoc. 5
vols. 8vo. *Montpellier*, 1776-79.
- Gente (A.).** See ORBIGNY (Charles d').
- Genth (Frederick Augustus).** On a new Variety of Grey Copper, perhaps
a new mineral. (Tract.) 8vo. *Philadelphia*, 1853.
- . On Owenite, a new mineral. (Tract.) 8vo. *Philadelphia*, 1853.
- . See GIBBS (Wolcott).
- Geoffroy St.-Hilaire (Etienne).** Considérations sur des ossemens fossiles,
la plupart inconnus, trouvés et observés dans les bassins de l'Au-
vergne. (Tract.) 8vo. *Paris*, 1834.
- . Catalogue des livres de sciences, particulièrement de zoologie,
d'anatomie comparée et d'anatomie philosophique composant sa
bibliothèque. (Tract.) 8vo. *Paris*, 1845.
- Geoffroy Saint-Hilaire (Isidore).** See SERIALS, ETC.: PARIS. Muséum
d'Histoire Naturelle.
- Geological and miscellaneous Sketches, Sections and Drawings.** Fol.
- Geological Society.** Review of the first Volume of the Transactions of
the Geological Society of London. (From the 'Monthly Magazine'
for February, 1812.) (Tract.) 8vo. *London*, 1812.
- Geological Society Club.** 50th Anniversary. 5th November, 1874.
(Tract.) 4to. *London*, 1874.
- Geological Surveys.** See SURVEYS.
- George (Christopher).** Description of an improved double Sextant.
(Tract.) 8vo. *London*, 1867.
- George (Edward S.).** On the Yorkshire Coalfield. (Tract.)
8vo. *Leeds*, 1837?
- Georgia.** Catalogue of the Recent Shells of Georgia. (Tract.) 8vo.
- Gerhard (Carl Abraham).** Versuch einer Geschichte des Mineralreichs.
2 vols. 8vo. *Berlin*, 1781-82.
- Gerini (Giuseppe).** Idee della filosofia geologica e paleontologica e carat-
teri da osservarsi nelle parti dei corpi organici ridotti allo stato
fossile. (Tract.) 8vo. *Milan*, 1858.

- Gerlach** (F. W. A.). Obituary Notices of A. G. Werner. (Tracts.)
4to. *Freiberg*, 1817.
- Gerlach** (H.). See SURVEYS: SWITZERLAND: Matériaux pour la carte géologique de la Suisse.
- Germany**. A series of plates illustrating the geognosy and geology of Germany, the Alps, etc., and various geological phenomena, with 4to descriptions. Folio.
- . Topographisch-militairischen Charte von Teutschland in 204 Blättern. 4 vols. and Supplement. Fol. *Weimar*, 1807–14.
- Gerolt** (Friedrich von) and **Berghes** (Carl de). Geognostische Karte der vorzüglichsten Bergwerksdistricte des Staates von Mexico. (Tract.)
4to. *Düsseldorf*, 1827.
- Gerstfeldt** (G.). Ueber Land- und Süsswasser-Mollusken Sibiriens und des Amur-Gebietes. (Tract.)
4to. *St. Petersburg*, 1859.
- Gerstner** (Franz). See JIRASEK (Johann).
- Gervais** (Henri) and **Ameghino** (Florentino). Les Mammifères fossiles de l'Amérique du Sud. 8vo. *Paris*, 1880.
- Gervais** (Paul). Remarques sur les oiseaux fossiles. (Tract.)
8vo. *Paris*, 1844.
- . Sur des débris fossiles de Mastodonte et d'*Elephas africanus* découverts en Algérie. (Tract.) 4to. *Montpellier*, 1847–50.
- . Note sur un cas de monstruosité du genre Deradelphe. (Tract.)
4to. *Montpellier*, 1847–50.
- . Sur quelques Entozoaires tænioïdes et hydatides. (Tract.)
4to. *Montpellier*, 1847–50.
- . Sur quelques points de la morphologie générale des animaux. (Tract.)
4to. *Montpellier*, 1847–50.
- . Considérations générales sur la distribution géographique et la classification des Reptiles vivants et fossiles. (Tract.) 8vo. *Paris*, 1848.
- . Zoologie et Paléontologie françaises. Prospectus. (Tract.)
8vo. *Paris*, no date.
- . Mémoire sur la famille des Cétacés ziphioides, et plus particulièrement sur le *Ziphius cavirostris* de la Méditerranée. (Tract.)
8vo. *Paris*, 1850.
- . Description de quelques ossements fossiles de Phoques et de Cétacés. (Tract.)
4to. *Montpellier*, 1851–54.
- . Liste des ouvrages et mémoires de zoologie et d'anatomie comparée publiés par P. G. (Tract.)
4to. *Montpellier*, 1852.
- . De la comparaison des membres chez les animaux vertébrés. (Tract.)
4to. *Paris*, 1853.
- . Documents zoologiques pour servir à la monographie des Chéiroptères sud-américains. (Tract.)
4to. *Montpellier*, 1855–57.
- . Recherches sur les mammifères fossiles de l'Amérique méridionale. (Tract.)
4to. *Montpellier*, 1856.
- . ———. Additions. (Tract.)
4to. *Montpellier*, 1857.
- . Notice sur les travaux de Paléontologie publiés par P. G. (Tract.)
4to. *Paris*, 1857.
- . Description de l'*Aphelosaurus lutevensis*, saurien fossile des schistes permien de Lodève. (Tract.)
4to. *Montpellier*, 1859.
- . Sur une nouvelle espèce d'Hipparion découverte auprès de Perpignan. (Tract.)
4to. *Montpellier*, 1859.

- Gervais (Paul).** Zoologie et paléontologie françaises. 2^{me} édition. Texte et Atlas. 2 vols. 4to. *Paris*, 1859.
- . Notice sur les travaux de Zoologie, d'Anatomie comparée et de Paléontologie, publiés par P. G. (Tract.) 8vo. *Paris*, 1861.
- . Rapport sur les travaux de la Faculté des Sciences de Montpellier pendant l'année scolaire 1861–1862. (Tract.) 8vo. *Montpellier*, 1862.
- . Remarques sur l'ancienneté de l'Homme tirées de l'observation des cavernes à ossements du Bas-Languedoc. (Tract.) 4to. *Paris*, 1864.
- . Recherches sur l'ancienneté de l'Homme et la période quaternaire. 4to. *Paris*, 1867.
- . Notice nécrologique de Edouard Lartet. (Tract.) 8vo. *Paris*, 1871.
- . Zoologie et Paléontologie générales. Nouvelles recherches sur les animaux vertébrés dont on trouve les ossements enfouis dans le sol, etc. 2^{me} série, livr. 15 and 16. (Tracts.) 4to. *Paris*, 1876.
- . Indices d'un nouveau genre de mammifères édentés, fossile dans les dépôts éocènes dits de Saint-Ouen. (Tract.) 4to. *Paris*, 1877.
- . Nouvelles recherches sur les mammifères fossiles propres à l'Amérique méridionale. (Tract.) 4to. *Paris*, 1878.
- . Vertébrés fossiles observés pour la plupart dans le midi de la France. (Tract.) 4to. *Montpellier*.
- . Notice sur M. Marcel de Serres. (Tract.) 4to. *Paris*, no date.
- . See VERNEUIL (P. Ed. de).
- and **Brinckmann (J.)**. La caverne de Bize et les espèces animales dont les débris y sont associés à ceux de l'Homme. (Tract.) 8vo. *Montpellier*, 1864.
- Gesner (Abraham).** Remarks on the Geology and Mineralogy of Nova Scotia. 8vo. *Halifax*, 1836.
- . First Report on the Geological Survey of the Province of New Brunswick. (Tract.) 8vo. *St. John*, 1839.
- . New Brunswick; with Notes for Emigrants. 8vo. *London*, 1847.
- . A practical Treatise on Coal, Petroleum, and other distilled Oils. 8vo. *New York, London, Melbourne, Paris, and Madrid*, 1861.
- . See SURVEYS: NEW BRUNSWICK.
- Gesner (Conrad).** De omni rerum fossilium genere, gemmis, lapidibus, metallis, et huiusmodi, libri aliquot, plerique nunc primum editi. 8vo. *Zurich*, 1565.
- Gesner (Johann).** Tractatus Physicus de Petrificatis. 8vo. *Leyden*, 1758.
- Geuther (Anton).** Ueber die Natur und Distillationsproducte des Torbanehill Minerals. (Tract.) 8vo. *Göttingen*, 1855.
- Gevers (Abraham).** Museum Geversianum, sive Index Rerum Naturalium, continens instructissimam copiam pretiosissimorum omnis generis ex tribus regnis naturæ. 8vo. *Rotterdam*, 1787.
- Geyler (Hermann Theodor).** Ueber die Tertiärflora von Stadelcken-Elsheim in Rheinhessen und über eine Flechte aus der Braunkohle von Salzhausen. (Tract.) 8vo. *Frankfort*, 1875.
- . Ueber fossile Pflanzen von Borneo. (Tract.) 4to. *Cassel*, 1875.

- Geyler** (Hermann Theodor). Ueber fossile Pflanzen aus den obertertiären Ablagerungen Sicilien's. (Tract.) 4to. Cassel, 1876.
- . Ueber fossile Pflanzen aus der Juraformation Japans. (Tract.) 4to. Cassel, 1877.
- . Ueber einige paläontologische Fragen, insbesondere über die Juraformation Nordostasiens. (Tract.) 8vo. Frankfurt, 1878.
- . Phytopalaeontologie. Verzeichniss der berücksichtigsten Arbeiten und Referate. (Tract.) 8vo. 1878.
- Gibb** (Sir George Duncan). The Oyster Conglomerate Bed at Bromley in Kent. (Tract.) 8vo. London, 1858.
- . A Chapter on Fossil Lightning. (Tract.) 8vo. London, 1859.
- . A Visit to Reculver, in Kent. (Tract.) 8vo. London, no date.
- . On Canadian Caverns. (Tract.) 8vo. London, 1861.
- . Essential Points of Difference between the Larynx of the Negro and that of the White Man. (Tract.) 8vo. London, 1865.
- . Geological Rambles around Montreal. 4to. Manuscript, 1868.
- . Discoveries in Science by the Medical Philosopher. An oration delivered on the ninety-sixth anniversary of the Medical Society of London. 8vo. London, 1869.
- Gibbes** (Robert W.). Description of the Teeth of a new Fossil Animal found in the Green Sand of South Carolina. (Tract.) 8vo. Philadelphia, 1845.
- . Memoir on the fossil Genus *Basilosaurus*; with a notice of specimens from the Eocene Green Sand of South Carolina. (Tract.) 4to. Philadelphia, 1847.
- . Monograph of the Fossil Squalidæ of the United States. (Tract.) 2 copies. 4to. Philadelphia, 1848.
- Gibbs** (Wolcott), and **Genth** (Frederick Augustus). Researches on the Ammonia-cobalt bases. (Tract.) 4to. Washington, 1856.
- Gibson** (George Alexander). The Old Red Sandstone of Sheffield. (Tract.) 8vo. Edinburgh and London, 1877.
- Gibson** (William Sidney). The Certainties of Geology. 8vo. London, 1840.
- . The Prize Essay on the History and Antiquities of Highgate. (Tract.) 8vo. London, 1842.
- Giddins** (Edward). An Inquiry into the Causes of the Rise and Fall of the Lakes, etc. (Tract.) 8vo. Lockport, N. Y., 1838.
- Giebel** (Christoph Gottfried). Paläozoologie. Entwurf einer systematischen Darstellung der Fauna der Vorwelt. 8vo. Merseburg, 1846.
- . Fauna der Vorwelt, mit steter Berücksichtigung der lebenden Thiere. Vol. I., parts 1-3. 8vo. Leipzig, 1847-48.
- . De geognostica septemtrionalis Hercyniæ fastigii constitutione. (Tract.) 8vo. Halle, 1848.
- . Gaea excursoria germanica. Deutschlands Geologie, Geognosie und Paläontologie. Part 1. (title and contents wanting). 8vo. Leipzig, 1848.
- . Bericht über die Leistungen im Gebiete der Paläontologie mit besonderer Berücksichtigung der Geognosie während der Jahre 1848 und 1849. 8vo. Berlin, 1851.
- . Die Versteinerungen im Muschelkalk von Lieskau bei Halle. 4to. Berlin, 1856.

- Giebel** (Christoph Gottfried). Die silurische Fauna des Unterharzes nach Herrn C. Bischof's Sammlung. 4to. *Berlin*, 1858.
- . Die Fauna der Braunkohlenformation von Latdorf bei Bernburg. (Tract.) 4to. *Halle*, 1864.
- . Herr von Könen und die Latdorfer Conchylienfauna. (Tract.) 2 copies. 8vo. *Berlin*, 1866.
- . Repertorium zu Goldfuss' Petrefakten Deutschlands. 4to. *Leipzig*, 1866.
- . See BURMEISTER (Hermann).
- Giesecke** (Sir Charles Louis [Carl Ludwig Metzler]). A Syllabus of a Mineral System for a Course of Lectures. (Tract.) 2 copies. 8vo. *Dublin*, 1815.
- . Description of Greenland. (Tract.) 4to. *Edinburgh*, 1816.
- . A Descriptive Catalogue of the different Mineral Substances found in the vicinity of the Giant's Causeway. (Tract.) 8vo. *Dublin*, 1825.
- . On the Geological Situation of the Beryl discovered in the County of Down. (Tract.) 8vo. *Dublin*, 1825.
- . Account of a Mineralogical Excursion to the County of Antrim. (Tract.) 2 copies. 8vo. *Dublin*, 1829.
- Gifoni** (Geronimo Sica de). See SICA DE GIFONI (Geronimo).
- Gilbert** (G. K.). See SURVEYS: OHIO and UNITED STATES.
- Gilbertson** (William). Catalogue of Fossils from the Mountain Limestone of Great Britain, extracted from the works of Messrs. Phillips and Sowerby. (Tract.) 8vo. *Preston*, 1837.
- Gilchrist** (W.). On the Origin and Formation of the Red Soil of Southern India. (Tract.) 8vo. *London*, 1855.
- Giles** (Ernest). See REPORTS: COLONIAL. South Australia.
- Gilliéron** (V.). Notice sur les terrains crétacés dans les chaînes extérieures des Alpes des deux côtes du Léman. (Tract.) 8vo. *Basle*, 1870.
- . Les anciens glaciers de la vallée de la Wiese dans la Forêt-noire. (Tract.) 8vo. *Geneva*, 1876.
- . See LORIOI (P. de) and SURVEYS: SWITZERLAND. Matériaux pour la Carte Géologique de la Suisse.
- Gillies** (Thomas B.). See REPORTS, COLONIAL. New Zealand.
- Gilliss** (J. M.). See UNITED STATES. Naval Astronomical Expedition.
- Gillon** (E. T.). See REPORTS: COLONIAL. New Zealand.
- Gilpin** (Edwin). Sketch of the Carboniferous District of St. George's Bay, Newfoundland. (Tract.) 8vo. *Halifax, N. S.*, 1874.
- . Notes on Specimens of Iron Ores, etc., collected in Pictou County for the Philadelphia Exhibition. (Tract.) 8vo. *Halifax, N. S.*, 1876.
- . The Southern Synclinal of the Pictou Coal-Field. (Tract.) 8vo. *Halifax, N. S.*, 1876.
- . On the Necessity for Preliminary Scientific Training for Civil and Mining Engineers. (Tract.) 8vo. *Halifax, N. S.*, 1878.
- Gioeni** (Giuseppe). Saggio di lithologia vesuviana. 8vo. *Naples*, 1791.
- Girard** (Charles). Researches upon the Cyprinoid Fishes inhabiting the Fresh Waters of the United States, west of the Mississippi Valley. (Tract.) 8vo. *Philadelphia*, 1856.

Girard (Charles). See RED RIVER.

Girard (H.). Die norddeutsche Ebene, insbesondere zwischen Elbe und Weichsel, geologisch dargestellt. 8vo. Berlin, 1855.

——. Geologische Wanderungen. I. Wallis—Vivarais—Velay. 8vo. Halle, 1855.

Girardin (J.). Considérations générales sur les volcans.

8vo. Rouen, 1831.

Giraud-Soulavie (Jean Louis). Histoire naturelle de la France méridionale. 7 vols. (2^e partie. Les Végétaux, Tom. I., in duplicate.)

8vo. Nismes, 1780–84.

——. See HAMILTON (Sir William).

Glaisher (James). On the Meteorology of England, South of Scotland, and Parts of Ireland. 8vo. London, 1853.

——. Address of the President of the Microscopical Society of London, February 1866. (Tract.) 8vo. London, 1866.

——. See EXHIBITION OF 1851 (London); and SERIALS ETC., LONDON, Royal Microscopical Society.

Glasgow. Mineral Property of the Corporation. See CRAIG (John).

Gliddon (George R.). See NOTT (J. C.).

Gliemann (Theodor). Geographische Beschreibung von Island.

8vo. Altona, 1824.

Glocker (Ernst Friedrich von). De Graphite Moravico et de phaenomenis quibusdam originem Graphitæ illustrantibus commentatio. (Tract.) 4to. Warsaw, 1840.

——. Ueber den Jura-Kalk von Kurowitz in Mähren, und über den darin vorkommenden *Aptychus imbricatus*. (Tract.)

4to. Breslau, 1841.

——. Generum et Specierum Mineralium Synopsis, omnium, quotquot adhuc reperta sunt, mineralium nomina complectens.

8vo. Halle, 1847.

“Glück auf!” der königlich preussischen gesammten edeln Bergknappschafft zum neuen Jahr 1832. (Tract.) 8vo. 1832.

Gmelin (Christian Gottlob). Versuche über die Wirkungen des Baryts, Strontians, Chroms, etc., auf den thierischen Organismus. (Tract.)

8vo. Tübingen, 1824.

——. Chemische Untersuchungen über den Turmalin. (Tract.)

8vo. Tübingen, 1826.

——. See BERZELIUS (J. J.).

Gmelin (Johann Friedrich). Grundriss der Mineralogie.

8vo. Göttingen, 1790.

——. Beschreibung und Zerlegung des Olivins aus den Basalten in der Gegend von Göttingen. (Tract.)

4to. Berlin, 1801.

Goalen (W. N.). See REPORTS, COLONIAL. South Australia.

Göbel (Adolph). Der heilsame Meeresschlamm an den Küsten der Insel Oesel, etc. (Tract.)

8vo. Dorpat, 1854.

——. Untersuchung eines am $\frac{29. \text{April}}{11. \text{Mai}}$ 1855 auf Oesel niedergefallenen Meteorsteins. (Tract.)

8vo. Dorpat, 1856.

——. Quellwasser aus Nordpersien nebst Betrachtungen über die Herkunft der Soda und des Glaubersalzes in den Seen von Armenien. (Tract.)

8vo. St. Petersburg, 1858.

- Göbel (Adolph).** Chemische Untersuchung der Rippen der Rhytina. (Tract.) 8vo. *St. Petersburg*, 1862.
- Chemische Untersuchung der Zinkblüthe von Taft (Prov. Jesd) in Persien, etc. (Tract.) 8vo. *St. Petersburg*, 1862.
- Mineralogisch-chemische Beiträge. (Tract.) 8vo. *St. Petersburg*, 1862.
- Ueber das Erde-Essen in Persien, etc. (Tract.) 8vo. *St. Petersburg*, 1862.
- Ueber die in dem Bestande einiger Salzseen der Krym vor sich gehenden Veränderungen, etc. (Tract.) 8vo. *St. Petersburg*, 1862.
- Ueber einen vermeintlichen Heerd vulcanischer Thätigkeit in Chorassan, etc. (Tract.) 8vo. *St. Petersburg*, 1862.
- Ueber die von Lomonossow edirten Cataloge des mineralogischen Museums der Akademie, und deren Inhalt. (Tract.) 8vo. *St. Petersburg*, 1865.
- Untersuchung des Carnallits von Maman in Persien, etc. (Tract.) 8vo. *St. Petersburg*, 1865.
- Bericht an die physikalisch-mathematische Classe über die Durchschneidung der Pallas'schen Eisenmasse. (Tract.) 8vo. *St. Petersburg*, 1866.
- Kritische Uebersicht der im Besitze der kaiserlichen Akademie der Wissenschaften befindlichen Aërolithen. (Tract.) 8vo. *St. Petersburg*, 1866.
- Uebersicht der in den Museen und Sammlungen von St. Petersburg vorhandenen Aërolithen. (Tract.) 8vo. *St. Petersburg*, 1866.
- Ueber Aërolithenfälle in Russland aus früheren Jahrhunderten. (Tract.) 8vo. *St. Petersburg*, 1867.
- Jobet (Nicolas).** Les anciens minéralogistes du Royaume de France ; avec des notes. 2 vols. 8vo. *Paris*, 1779.
- See PALISSY (Bernard).
- odeffroy (C.).** Notice sur les glaciers, les moraines et les blocs erratiques des Alpes. 8vo. *Paris and Geneva*, 1840.
- odman (John D.).** Description of a new species of extinct Mammiferous Quadraped. (Tract.) 4to. *Philadelphia*, 1830.
- odon (S.).** Mineralogical observations made in the environs of Boston in the years 1807 and 1808. (Tract.) 4to. *Boston*, 1809.
- odwin (G.).** See DONALDSON (T. L.).
- odwin-Austin.** See AUSTIN (Godwin-).
- oldenberg (Friedrich).** Flora Saræpontana fossilis. Die Pflanzenversteinerungen des Steinkohlengebirges von Saarbrücken. Heft 1–3. 4to. *Saarbrück*, 1855–62.
- Fauna Saræpontana fossilis. Die fossilen Thiere aus der Steinkohlenformation von Saarbrücken. Heft 1 u. 2. 4to. *Saarbrück*, 1873–77.
- oldfuss (August).** Petrefacta Germaniæ tam ea quæ Museo Universitatis Regiæ Borussicæ Fredericiæ Wilhelmiæ Rhenanæ quam alia in Museis Hoeninghusiano, Münsteriano, aliisque, iconibus et descriptionibus illustrata. 3 vols. 2 copies. Fol. *Düsseldorf*, 1826–44.
- [Index, see GIEBEL (C. G.)]
- Beiträge zur vorweltlichen Fauna des Steinkohlengebirges. (Tract.) 4to. *Bonn*, 1847.

- Goldfuss** (August). Catalogue d'une collection—Auctionscatalog einer ausgezeichneten zoologischen und petrefactologischen Bücher-Sammlung, enthaltend die Bibliothek des verst. Prof. im Bonn Dr. A. G. (Tract.) 8vo. *Berlin*, 1850.
- Gomes** (Bernardinc Antonio). See SURVEYS: PORTUGAL.
- Good** (J. B.). A vocabulary and outlines of grammar of the Nitlakapamuk or Tompson Tongue, the Indian language spoken between Yale, Lillooet, Cache Creek, and Nicola Lake, together with a Phonetic Chinook Dictionary, adapted for use in the Province of British Columbia. 8vo. *Victoria, B. C.*, 1880.
- Göppert** (Heinrich Robert). Die fossilen Farrnkräuter. 4to. *Breslau*, 1836.
- . Die Gattungen der fossilen Pflanzen verglichen mit denen der Jetztwelt und durch Abbildungen erläutert. (Les genres des plantes fossiles etc.) 4to. *Bonn*, 1841.
- . Ueber die fossile Flora des Quadersandsteins von Schlesien und der Umgegend von Aachen. (Tract.) 4to. *Breslau*, 1841.
- . Fossile Pflanzenreste des Eisensandes von Aachen. (Als zweiter Beitrag zur Flora der Tertiärbildungen.) (Tract.) 4to. *Bonn*, 1842.
- . Zur Flora des Quadersandsteins in Schlesien, als Nachtrag zu der früher erschienenen Abhandlung über denselben Gegenstand in *Nova Acta*. (Tract.) 4to. *Nuremberg*, 1847.
- . Abhandlung [über die Ursprung der Steinkohlen] eingesandt als Antwort auf eine Preisfrage. 4to. *Haarlem*, 1848.
- . Ueber pflanzenähnliche Einschlüsse in den Chalcedonen. (Tract.) 8vo. *Breslau*, 1848.
- . Fossile Hölzer gesammelt während Middendorff's sibirischer Reise. (Tract.) 4to. *St. Petersburg*, 1848.
- . Ueber Beobachtungen der in der älteren Kohlenformation zuweilen in aufrechter Stellung vorkommenden Stämme. (Tract.) 8vo. *Bonn*, 1849.
- . Berichte über eine in den preussischen Rheinlanden und einem Theile Westphalens unternommenen Reise zum Zwecke der Erforschung der fossilen Flora jener Gegenden. (Tract.) 8vo. *Berlin*, 1850.
- . Ueber die Entwicklungsperioden der Erde vom heutigen Standpunkte der Naturwissenschaften. (Tract.) 4to. *Breslau*, 1850.
- . Ueber die gegenwärtigen Verhältnisse der Paläontologie in Schlesien; so wie über fossile Cycadeen. (Tract.) 4to. *Breslau*, 1853.
- . Bericht über eine im Auftrage des Hohen Ministeriums für Handel, Gewerbe und öffentliche Arbeiten im August und September 1850 in dem westphälischen Hauptbergdistrict unternommene Reise zum Zwecke der Untersuchung der in der dortigen Steinkohlenformation vorkommenden fossilen Flora. (Tract.)² 8vo. *Breslau*, 1854.
- . Beispiel einer merkwürdigen Veränderung [in der Rothanne]. (Tract.) 8vo. *Breslau*, 1854.
- . Die Tertiärflora auf der Insel Java. 4to. *The Hague*, 1854.
- . *Stigmaria ficoides*. (Tract.) 8vo. *Bonn*, 1854.
- . Die tertiäre Flora von Schosnitz in Schlesien. 2 copies. 4to. *Görlitz*, 1855.

- Göppert** (Heinrich Robert). Ueber ein im hiesigen königl. botanischen Garten zur Erläuterung der Steinkohlenformation errichtetes Profil. 2 copies. 8vo. *Breslau*, 1856.
- . Ueber den versteinten Wald von Radowenz bei Adersbach in Böhmen, und über den Versteinungsprocess überhaupt. (Tract.) 8vo. *Vienna*, 1857.
- . Ueber den versteinten Wald von Radowenz bei Adersbach, so wie über den Versteinungsprozess. (Tract.) 4to. *Vienna*, 1857.
- . Ueber die fossile Flora der silurischen, der devonischen und unteren Kohlenformation oder des sogenannten Uebergangsgebirges. 4to. *Jena*, 1859.
- . Ueber die versteinten Wälder im nordlichen Böhmen und in Schlesien. (Tract.) 4to. *Breslau*, 1859.
- . Ueber das Vorkommen von Liaspflanzen im Kaukasus und der Alborus-Kette. (Tract.) 8vo. *Breslau*, 1861.
- . Ueber die Tertiär-Flora der Polargegenden. (Tract.) 8vo. *Breslau*, 1861.
- . Ueber die in der Geschiebformation vorkommenden versteinten Hölzer. (Tract.) 8vo. *Berlin*, 1862.
- . Ueber die Flora der permischen Formation. (Tract.) Lith. 4to. *Breslau*, 1865.
- . Ueber die fossile Kreideflora und ihre Leitpflanzen. (Tract.) 8vo. *Berlin*, 1865.
- . Beiträge zur Kenntniss fossiler Cycadeen. (Tract.) 8vo. *Berlin*, 1866.
- . Sur la structure de la Houille. (Tract.) 8vo. *Breslau*.
- . See **BEINERT** (C. C.) and **BRONN** (H. G.).
- Gordon** (Alexander). An historical and practical treatise upon Elemental Locomotion by means of Steam-carriages on common Roads. (Tract.) 8vo. *London*, 1832.
- . Observations addressed to those interested in either Rail-ways or Turnpike-roads, etc. (Tract.) 8vo. *London*, 1837.
- . Observations on Railway Monopolies, and remedial measures. (Tract.) 8vo. *London*, 1841.
- . See **SERIALS, ETC.: LONDON**. Journal of Elemental Locomotion.
- Gordon** (Lewis D. B.). Statement explanatory of a plan for preventing the spread of Explosions in Coal-mines. (Tract.) 4to. *Glasgow*, 1847.
- Gore** (George). The national importance of scientific Research. (Tract.) 8vo. *Birmingham*, 1873.
- Gorini** (Pàolo). Sull' origine delle montagne e dei vulcani; studio sperimentale. 8vo. *Lodi*, 1851.
- . Gli esperimenti sulla formazione delle montagne. (Tract.) 8vo. *Milan*, 1852.
- See also **SUSANI** (Guido).
- Gorresio** (Gaspere). See **SERIALS, ETC.: TURIN**. Accademia delle Scienze.
- Goss** (Herbert). Three papers on fossil Insects, and the British and Foreign Formations in which Insect remains have been detected. 8vo. *London*, 1878–80.
- . The geological antiquity of Insects. Twelve papers on Fossil Entomology. 8vo. *London*, 1880.

- Gosselet (Jules).** Mémoire sur les terrains primaires de la Belgique, des environs d'Avesnes et du Boulonnais. 8vo. *Paris*, 1860.
- . Le système du poudingue de Burnot entre Dinant et Namur. (Tract.) 8vo. *Paris*, 1873.
- . Etudes sur le gisement de la Houille dans le nord de la France. (Tract.) 8vo. *Lille*, 1874.
- . L'étage éocène inférieur dans le nord de la France et en Belgique. (Tract.) 8vo. *Paris*, 1875.
- . Cours élémentaire de Géologie. 12mo. *Paris*, 1876.
- . Le calcaire de Givet. (Tract.) 8vo. *Lille*, 1876.
- . Le terrain dévonien des environs de Stolberg. (Tract.) 8vo. *Lille*, 1876.
- . Description géologique du Canton de Maubeuge. (Tract.) 8vo. *Lille*, 1879.
- and **Malaise (C.)**. Observations sur le terrain silurien de l'Ardenne. (Tract.) 8vo. *Brussels*, 1868.
- Gothe (J. F. W. von)**. Zur Kenntniss der böhmischen Gebirge. (Tract.) 8vo. *Jena*, 1817.
- Gotthard Tunnel.** See SWITZERLAND.
- Gottschalck (Friedrich)**. Taschenbuch für Reisende in den Harz. 12mo. *Magdeburg*, 1817.
- Göttinger (Wilhelm Lebrecht)**. Schandau und seine Umgebungen oder Beschreibung der sächsischen Schweiz. 8vo. *Dresden*, 1812.
- Goubert (Emile)**. Note sur le gisement de Glos ; suivi de la description des fossiles du Coral-rag de Glos, par K. Zittel et Em. Goubert. (Tract.) 8vo. *Paris*, 1861.
- . See **HÉBERT (Ed.)**.
- Gould (Augustus A.)**. Descriptions of shells from the coast of Africa. (Tract.) 8vo. *Philadelphia*, 1845.
- . Expedition Shells : described for the work of the United States Exploring Expedition, commanded by Charles Wilkes, U.S.N., during the years 1838–1842. (Tract.) 8vo. *Boston*, 1846.
- . Report on the Invertebrata of Massachusetts. 2nd edition. Edited by W. G. Binney. 8vo. *Boston*, 1870.
- . See **BLAKE (William P.)**.
- Gould (Benjamin Apthorp, jun.)**. Report on the history of the discovery of Neptune. (Tract.) 8vo. *Washington*, 1850.
- . Reply to the 'Statement of the Trustees of the Dudley Observatory.' (Tract.) 8vo. *Albany*, 1859.
- See also **DUDLEY OBSERVATORY**.
- Gould (Charles)**. See **REPORTS, COLONIAL**. Tasmania.
- Gould (John)**. See **BEAGLE EXPEDITION**.
- Gould (Nathaniel)**. Sketch of the trade of British America. (Tract.) 8vo. *London*, 1833.
- Gover (Wilham)**. Modern doubts and difficulties in relation to revealed Religion. (Tract.) 8vo. *Sheffield*, 1878.
- Graah (W. A.)**. Narrative of an expedition to the east coast of Greenland under the command of Capt. W. A. Graah. Translated from the Danish by G. Gordon Macdougall. 8vo. *London*, 1837.
- Grabau (Enrico)**. Cenni sulla proprietà e la legislazione delle miniere. (Tract.) 8vo. *Leghorn*, 1860.

- Grabau (Enrico).** Le miniere dell' Elba e l'industria del ferro in Italia. (Tract.) 8vo. *Leghorn*, 1860.
- . Sulla proprietà e legislazione delle miniere. Osservazioni . . . in replica ai Senatori Poggi e Marzucchi e Prof. Savi e Meneghini. (Tract.) 8vo. *Leghorn*, 1861.
- Graells (Mariano de la Paz).** Catalogo de los Moluscos terrestres y de agua dulce observados en España, &c. (Tract.) 8vo. *Madrid and Lima*, 1846.
- . Noticias sobre las larvas de las Agapanthias, que podran utilizarse en la historia general de este genero. (Tract.) 4to. *Madrid*, 1850.
- Graffenauer (Jean Philippe).** Essai d'une minéralogie économique-technique des départemens du Haut- et Bas-Rhin. 8vo. *Strasburg*, 1806.
- . See PEEZ (A. H.).
- Graham (James D.).** Annual report on the improvement of the harbours of Lakes Michigan, St. Clair, Erie, Ontario, and Champlain for the year 1860. 8vo. *Washington*, 1860.
- . See SURVEYS: MARYLAND, PENNSYLVANIA, and UNITED STATES.
- Graham (Maria).** See CALLCOTT (Maria).
- Grande de Lorenzana (Francisco).** Breve compendio del lamentable ynzendio del monte de Soma. (Tract.) 12mo. *Naples*, 1632.
- Grand'Eury (F. Cyrille).** Flore carbonifère du département de la Loire et du centre de la France. (3 parts.) 4to. *Paris*, 1877.
- Grant (Robert Edmond).** Dissertatio Physiologica inauguralis de circuitu sanguinis in fœtu. 8vo. *Edinburgh*, 1814.
- . Observations on the structure of some siliceous Sponges. 8vo. *Edinburgh*, 1826.
- . On the siliceous spicula of two Zoophytes from Shetland. 8vo. *Edinburgh*, 1826.
- . Remarks on the structure of some calcareous Sponges. 8vo. *Edinburgh*, 1826.
- . Observations on the structure and functions of the Sponge; with notice of two new species of British Sponge. 8vo. *Edinburgh*, 1827.
- . Observations on the structure and nature of *Flustra*. 8vo. *Edinburgh*, 1827.
- . On the structure and characters of *Octopus ventricosus*, Gr., a rare species of Octopus from the Firth of Forth. 8vo. *Edinburgh*, 1827.
- . On the structure of the eye of the Swordfish. 8vo. *Edinburgh*, 1827.
- . Notice regarding the structure and mode of generation of the *Virgularia mirabilis* and *Pennatulula phosphorea*. 8vo. *Edinburgh*, 1827.
- . On the viscera of the common Swordfish. 8vo. *Edinburgh*, 1828.
- . An essay on the study of the Animal Kingdom. 8vo. *London*, 1828.
- . Observations on the anatomy of the Paca of Brazil (*Cœlogenys*, F. Cuv.). 8vo. *Edinburgh*, 1828.
- . Observations on the generation of the *Lobularia digitata*, Lam. 8vo. *Edinburgh*, 1828.
- . Further observations on the generation of the *Virgularia mirabilis*. 8vo. *Edinburgh*, 1829.
- . On the influence of light on the motions of Infusoria. 8vo. *Edinburgh*, 1829.

- Grant** (Robert Edmond). Sketch of the scientific writings of Baron Cuvier. 8vo. *London*, 1830.
- . On the study of Medicine. 8vo. *London*, 1832.
- . Lectures on Comparative Anatomy, delivered in the University of London during 1833. 8vo. *London*, 1833-34.
- . On the footmarks of *Chirotherium* in the New Red Sandstone of Stourton-hill, near Liverpool. (Tract.) 8vo. *Liverpool*, 1838.
- . On the principles of classification as applied to the primary divisions of the Animal Kingdom. (Tract.) 8vo. *London*, 1838.
- . General view of the characters and the distribution of Extinct Animals. 8vo. *London*, 1839.
- . Outlines of Comparative Anatomy. 8vo. *London*, 1841.
- . Syllabus of a course of twelve lectures on Palæozoology, or the natural history of Extinct Animals. (Tract.) 8vo. *London*, 1855.
- . Syllabus of four lectures, on Foraminiferous Animalcules, Poly-piferous Animals, Insects, and Reptiles. (Tract.) 8vo. *London*, 1860.
- . Tabular view of the primary divisions of the Animal Kingdom, intended to serve as an outline of an Elementary Course of Recent Zoology (Cainozoölogy), or the natural history of existing animals. 8vo. *London*, 1861.
- Granville** (Augustus Bozzi). A reply to an article contained in the XXth number of the 'Journal of Science,' edited by W. T. Brande, purporting to be a review of Dr. Granville's 'Treatise on Prussic Acid.' (Tract.) 8vo. *London*, 1821.
- . An essay on Egyptian mummies. 4to. *London*, 1825.
- . The Royal Society in the XIXth century; being a statistical summary of its labours during the last thirty-five years, etc. 8vo. *London*, 1836.
- . The Spas of Germany. 2nd edition. 8vo. *London*, 1838.
- Gras** (Albin). Description des Oursins fossiles du département de l'Isère, etc. (Tract.) 8vo. *Grenoble and Paris*, 1848.
- . Catalogue des corps organisés fossiles qui se rencontrent dans le département de l'Isère. (Tract.) 8vo. *Grenoble*, 1852.
- Gras** (Scipion). Statistique minéralogique du département de la Drôme. 8vo. *Grenoble*, 1835.
- . Considérations sur les anciens lits de déjection des torrents des Alpes, etc. (Tract.) 8vo. *Grenoble*, 1846.
- . Traité élémentaire de géologie agronomique. 8vo. *Paris*, 1870.
- Grateloup** (Jean Pierre Silvestre de). Notice géognostique sur les roches de Tercis, aux environs de Dax. (Tract.) 2 copies. 8vo. *Bordeaux*, 1833.
- . Discours sur la géologie, d'application à l'agriculture et aux arts industriels pour le département de la Gironde. (Tract.) 8vo. *Bordeaux*, no date.
- . Mémoire de géo-zoologie sur les Oursins fossiles (Echinides), qui se rencontrent dans les terrains calcaires des environs de Dax, département des Landes. (Tract.) 2 copies. 8vo. *Bordeaux*, 1836.
- . Notice sur la famille des Bulléens, dont on trouve les dépouilles fossiles dans les terrains marins supérieurs du bassin de l'Adour, aux environs de Dax etc. (Tract.) 8vo. *Bordeaux*, 1837.

- Grateloup** (Jean Pierre Silvestre de). Conchyliologie fossile du bassin de l'Adour, ou description des coquilles fossiles qui ont été trouvées dans les terrains marins tertiaires, aux environs de Dax. (Tract.)
8vo. *Bordeaux*, 1837.
- . 4^e mémoire. Description des genres et des espèces de coquilles fossiles appartenant à cette famille de Trachélipodes [Mélaniens], qu'on observe dans les couches des terrains marins supérieurs du bassin de l'Adour, aux environs de Dax. (Tract.)
8vo. *Bordeaux*, 1838.
- . 5^e mémoire. Famille des Plicacés. (Tract.)
8vo. *Bordeaux*, 1838.
- . 6^e mémoire. Mémoire de géo-zoologie sur les coquilles fossiles de la famille des Nérítacés, observées dans les terrains tertiaires du bassin de l'Adour, aux environs de Dax. (Tract.)
8vo. *Bordeaux*, 1840.
- . Atlas, Vol. I. 4to. *Bordeaux*, 1840.
- . Mémoire sur les coquilles fossiles des mollusques terrestres et fluviatiles (de la classe des *Trachélipodes*) observées dans les terrains tertiaires du bassin de l'Adour, faisant suite à la conchyliologie fossile de ce bassin. (Tract.) 8vo. *Bordeaux*, 1838.
- . Catalogue zoologique renfermant les débris fossiles des animaux vertébrés et invertébrés, découverts dans les différents étages des terrains qui constituent les formations géognostiques du bassin de la Gironde, environs de Bordeaux. (Tract.) 8vo. *Bordeaux*, 1838.
- . Tableau statistique des coquilles univalves fossiles trouvées dans les couches tertiaires du bassin de l'Adour, environs de Dax. (Tract.)
8vo. *Bordeaux*, 1838.
- . Description d'un fragment de mâchoire fossile d'un genre nouveau de reptile (Saurien), trouvé dans le grès marin, à Léognan, près Bordeaux. (Tract.) 8vo. *Bordeaux*, 1840.
- . Mémoire sur plusieurs espèces de coquilles nouvelles ou peu connues de Mollusques. (Tract.) 8vo. *Bordeaux*, 1840.
- Graves** (Louis). Biographical Notice. See PASSY (A.).
- . Essai sur la topographie géognostique du département de l'Oise.
8vo. *Beauvais*, 1847.
- Gravina** (Corrado Taddei de). Intorno l'azione terapeutica delle acque salso-iodiche di Castrocaro. See TARGIONI-TOZZETTI (Antonio).
- Gray** (Alonzo) and **Adams** (C. B.). Elements of Geology.
8vo. *New York*, 1853.
- Gray** (Asa). A free Examination of Darwin's Treatise on the Origin of Species, and of its American reviewers. (Tract.)
8vo. *London*, 1861.
- . See SURVEYS: CALIFORNIA.
- Gray** (George Robert). See BRITISH MUSEUM.
- Gray** (James). The Earth's antiquity in harmony with the Mosaic Record of Creation. 8vo. *London*, 1849.
- Gray** (John). Biographical notice of the Rev. David Ure.
8vo. *Glasgow*, 1865.
- Gray** (John Edward). Spicilegia Zoologica; or original figures and short systematic descriptions of new and unfigured animals. Part I. (Tract.) 4to. *London*, 1828.

- Gray (John Edward).** Synopsis Reptilium, or short descriptions of the species of reptiles. Part I. (Tract.) 8vo. London, 1831.
- . A Synoptical Catalogue of the species of certain tribes or genera of Shells contained in the collection of the British Museum and the Author's cabinet. (Tract.) 8vo. London, 1837.
- . On a new genus of Land-shells (*Streptaxis*). (Tract.) 8vo. London, 1837.
- . Synopsis of the species of Starfish in the British Museum. 4to. London, 1846.
- . See BRITISH MUSEUM; SAMARANG EXPEDITION; and SERIALS, ETC., LONDON: Zoological Miscellany.
- Gray (Maria Emma).** Figures of Molluscos Animals, selected from various authors. 4 vols. (Vol. I. in duplicate). 8vo. London, 1842–50.
- Gray (Robert).** See BRITISH ASSOCIATION. Glasgow Guide-Books.
- Gray (Samuel Frederick).** A natural arrangement of British Plants. 2 vols. 8vo. London, 1821.
- Green (A. H.).** Geology for students and general readers. Part I. Physical Geology. 8vo. London, 1876.
- . See BRITISH ASSOCIATION, Sheffield Guide-Book; and SURVEYS, ENGLAND AND WALES.
- Green (Charles).** A few remarks on the Geology of Bacton. 8vo. Norwich, 1842.
- . On the lignite of the environs of Bacton. (Tract.) 8vo. London.
- Green (F.).** Narrative of an expedition to the north-west of Lake Ngami, extending to the capital of Debabe's territory, *viâ* Souka river. (Tract.) 8vo. Grahamstown, 1857.
- Green (William L.).** The Hawaiian island on the Réseau triangulaire. (Tract.) 2 copies. 4to. Boston, 1877.
- Greene (Francis V.).** Chemical investigation of remains of Fossil Mammalia. (Tract.) 8vo. Philadelphia, 1853.
- Greenland.** Meddelelser om Grönland, udgivne af Commissionen for Ledelsen af de geologiske og geographiske Undersøgelser i Grönland. Heft 1. 8vo. Copenhagen, 1879.
- Greenock (Lord).** General remarks on the coal-formation of the great valley of the Scottish Lowlands. (Tract.) 8vo. Edinburgh, 1836.
- Greenough (George Bellas).** A critical examination of the First Principles of Geology, in three Essays. 2 copies. 8vo. London, 1819.
- . Review of his "Critical examination of the First Principles of Geology, in a series of Essays." (Tract.) 8vo. London, 1819.
- . Memoir of a geological map of England, to which are added, an alphabetical index to the hills, and a list of the hills arranged according to counties. (Tract.) 4to. London, 1820.
- . ———. 2nd edition. 8vo. London, 1840.
- . Address to the Royal Geographical Society of London; delivered at the Anniversary Meeting, 1840. (Tract.) 8vo. London, 1840.
- . See BROCHANT DE VILLIERS (A. J. M.).
- , **Phillips (R.),** and **Horner (Leonard).** Account of the Fuller's-earth Pits at Nutfield, near Reigate in Surrey. (Tract.) MS.
- Greenwell (G. C.) and McMurtrie (J.).** The Radstock portion of the Somersetshire coalfield. 8vo. Newcastle-on-Tyne, 1864.

Greenwood (F.). See **MIALL (L. C.).**

Greenwood (George). Rain and rivers; or Hutton and Playfair against Lyell and all comers. 8vo. *London*, 1866.

——. River-terraces, letters on geological and other subjects. 8vo. *London*, 1877.

Greg (Robert Phillips). An essay on Meteorites. 8vo. *Manchester*, 1855.

—— and **Lettsom (W. G.).** Manual of the Mineralogy of Great Britain and Ireland. 8vo. *London*, 1858.

Greger (William). Experiments on a mineral substance formerly supposed to be Zeolite; with some remarks on two species of Uran-Glimmer. (Tract.) 4to. *London*, 1805.

Gregg (St. George). Plan, sections, and transverse section of the Waller Mines, Virginia, U.S. (Tract.) 8vo. *London*, 1854.

Gregor (William). Biography. See **PARIS (John Ayrton).**

Gregory (Augustus). See **REPORTS, COLONIAL.** Queensland.

Gregory (Charles Hutton). Address on his election as President of the Institution of Civil Engineers, 1867–68. (Tract.)

8vo. *London*, 1868.

Gregory (Olinthus). Dissertations and Letters, by Don J. Rodriguez, the Chevalier Delambre, Baron de Zach, Thomas Thomson, Dr. Olinthus Gregory, and others; tending either to impugn or to defend the Trigonometrical Survey of England and Wales, carrying on under Col. Mudge and Capt. Colby. 8vo. *London*, 1815.

Gregory (William). Outlines of Chemistry for the use of students. 2 vols. 8vo. *London*, 1845.

——. On the composition of the Rangoon petroleum, with remarks on the composition of petroleum and naphtha in general. (Tract.)

8vo. *Edinburgh*, 1850.

——. See **TURNER (Edward).**

Grenelle. Description du puits artésien de Grenelle. (Tract.) 8vo. *Paris*, 1840.

Grenfell (J. G.). Notes on Carboniferous Encrinites from Clifton and Lancashire. (Tract.) 8vo. *Bristol*, 1875.

Greppin (Jean Baptiste). Les sources du Jura bernois. (Tract.) 8vo. *Delémont*, 1866.

——. Essai géologique sur le Jura Suisse. 4to. *Delémont*, 1867.

——. See **SURVEYS: SWITZERLAND.** Matériaux pour la carte géologique de la Suisse.

Gressly (A.). Observations géologiques sur le Jura soleurois. 4to. *Neufchatel*, 1838.

——. See **DESOR (E.).**

Grewingk (C.). Beitrag zur Kenntniss der orographischen und geognostischen Beschaffenheit der Nord-West-Küste Amerikas mit den anliegenden Inseln. 8vo. *St. Petersburg*, 1850.

——. Die geognostischen und orographischen Verhältnisse des nördlichen Persiens. 8vo. *St. Petersburg*, 1853.

——. Geologie von Liv- und Kurland mit Inbegriff einiger angrenzenden Gebiete. 8vo. *Dorpat*, 1861.

——. Ueber *Hoplocrinus dipentus* und *Baerocrinus Ungerni*. (Tract.) 8vo. *Dorpat*, 1867.

GRE—GRÓ

- Grewingk (C.).** Ueber Eisschiebungen am Wörzjärw-See in Livland.
(Tract.) 8vo. *Dorpat*, 1869.
- . Erläuterungen zur zweiten ausgabe der geognostischen Karte
Liv-, Est- und Kurlands. (Tract.) 8vo. *Dorpat*, 1879.
- Grey-Egerton (Sir Philip de Malpas).** See EGERTON (Sir Philip de Malpas
Grey-).
- Grierson's Museum.** See RAMAGE (Craufurd Tait).
- Griesbach (Karl Ludolf).** Der Jura von St. Veit bei Wien. (Tract.)
8vo. *Vienna*, 1868.
- . Die Erdbeben in den Jahren 1867 und 1868. (Tract.)
8vo. *Vienna*, 1869.
- Griffin (John Joseph).** A system of Crystallography.
8vo. *Glasgow*, 1851.
- Griffith (H.).** Irenicon. A Lecture on Biblical Theology and Modern
Culture. (Tract.) 8vo. *London*, 1878.
- Griffith (J. W.) and Henfrey (Arthur).** Micrographic Dictionary. 3rd
edition. Edited by J. W. Griffith, P. Martin Duncan, M. J. Berke-
ley, and T. Rupert Jones. 8vo. *London*, 1875.
- Griffith (Sir Richard).** Geological and Mining Report on the Leinster
Coal district. 8vo. *Dublin*, 1814.
- . Geological and Mining Survey of the Connaught Coal district.
2 vols. (text and atlas). 8vo. *Dublin*, 1818.
- . Report relative to the moving Bog of Kilmaleady in the King's
County. (Tract.) 8vo. *Dublin*, 1821.
- . Outline of the Geology of Ireland. 4to. *Dublin*, 1838.
- . An Address delivered at the ninth Annual Meeting of the Geo-
logical Society of Dublin, 1840. (Tract.) 8vo. *Dublin*, 1840.
- . Notice respecting the fossils of the Mountain Limestone of Ire-
land, as compared with those of Great Britain, and also with the
Devonian system. 4to. *Dublin*, 1842.
- and M'Coy (Frederick). A synopsis of the Silurian fossils of Ire-
land. 4to. *Dublin*, 1846.
- Griffith (William).** Journals of travels in Assam, Burma, Bootan,
Afghanistan, and the neighbouring countries.
8vo. *Calcutta*, 1847.
- . Itinerary notes of plants collected in the Khasyah and Bootan
mountains, 1837–1838, in Afghanistan and neighbouring countries,
1839–1841. 8vo. *Calcutta*, 1848.
- . Palms of British East India. Fol. *Calcutta*, 1850.
- . Notulæ ad plantas Asiaticas. 8vo. *Calcutta*, 1847–54.
- Grioni (Antonio).** Sugli ittio-fito-schisti miocenici presso le miniere
zolfifere della Sicilia. (Tract.) 8vo. *Caltanissetta*, 1869.
- Grisebach (August Heinrich Rudolph).** On Botanical Geography.
Translated by W. B. Macdonald and George Busk. (Ray Society.)
8vo. *London*, 1846.
- . Report on Geographical Botany for 1844. (Ray Society.)
8vo. *London*, 1849.
- . Report on Geographical and Systematic Botany for 1845. (Ray
Society.) 8vo. *London*, 1849.
- Groddeck (A. von).** Die Lehre von den Lagerstätten der Erze.
8vo. *Leipzig*, 1879.

- Gronovius** (Johann Friedrich). Index supellectilis lapideæ. Editio altera. 8vo. *Leyden*, 1750.
- Gronow** (Laurence Theodore). See BRITISH MUSEUM.
- Groos** (J. J.). See TEXAS.
- Grooss** (A.). See SURVEYS: HESSE.
- Groot** (Corn. de). Benoeming der Gesteenten aangenomen bij het mijnwezen in Nederlandsch Indie. 4to. *Buitenzorg*, 1864.
- Groschke** (John Gottlieb). See KLAPROTH (Martin Henry).
- Grote** (Augustus R.). Descriptions of Noctuidæ, chiefly from California. (Tract.) 8vo. *Washington*, 1878.
- and **Pitt** (W. H.). Description of a new Crustacean from the Water Lime Group at Buffalo. (Tract.) 2 copies. 8vo. *Buffalo*, 1875.
- Groth** (P.). Physikalische Krystallographie und Einleitung in die krystallographische Kenntniss der wichtigeren Substanzen. 8vo. *Leipzig*, 1876.
- . Die Mineraliensammlung der Kaiser-Wilhelms-Universität Strassburg. Ein Supplement zu den vorhandenen mineralogischen Handbüchern. 4to. *Strasburg*, 1878.
- Grouner** (—). See GRUNER (G. S.).
- Grove** (W. R.). On the Correlation of Physical Forces. 8vo. *London*, 1846.
- Grover** (J. W.). Conversations with little Geologists on the six days of Creation, illustrated with a geological chart. 4to. *London*, 1878.
- Gruber** (Tobias). Briefe hydrographischen und physikalischen Inhalts aus Krain. (Tract.) 8vo. *Vienna*, 1781.
- . See JIRASEK (Johann).
- Gruithuisen** (Franz von Paula). Kritik der neuesten Theorien der Erde, etc. (Tract.) 8vo. *Landshut*, 1838.
- Gruner** (Emanuel L.). Texte explicatif de la nouvelle carte du Bassin Houiller de la Loire. (Tract.) 8vo. *St. Etienne*, 1847.
- . Essai d'une classification des principaux filons du plateau central de la France, etc. (Tract.) 8vo. *Lyons*, 1856.
- . Description des anciennes mines de plomb du Forez. (Tract.) 8vo. *Lyons*, 1857.
- . Description géologique et minéralogique du département de la Loire. (Text in duplicate.) 8vo. *Paris*, 1857.
- Gruner** (Gottlieb Sigmund). Histoire naturelle des glaciers de Suisse. Traduction libre d'allemand par M. de Kératio. 4to. *Paris*, 1770.
- . Versuch eines Verzeichnisses der Mineralien des Schweizerlandes. 8vo. *Berne*, 1775.
- . Histoire naturelle de la Suisse dans l'ancien monde. Traduite de l'allemand (par Dulon Ministre). 8vo. *Neufchatel*, 1776.
- Grünewaldt** (M. von). Ueber die Versteinerungen der silurischen Kalksteine von Bogosslofsk. 4to. *St. Petersburg*, 1854.
- de Malves** (Jean Paul de). Projet d'ouverture et d'exploitation de minières et mines d'or et d'autres métaux, aux environs du Cézé, du Gardon, de l'Eraut, et d'autres rivières du Languedoc, de la Comté de Foix, du Rouergue . . . etc. (Tract.) 8vo. *Paris*, 1764.

- Guadeloupe.** Rapport fait aux citoyens Victor Hugues et Lebas, agens particuliers du Directoire Exécutif aux Isles du Vent, par la commission pour examiner la situation du Volcan de la Guadeloupe. 4to. *Guadeloupe*, 1797.
- . ———. English translation. 4to. MS., 1814.
- Gualandris** (Angelo). Lettere Odeporiche. 8vo. *Venice*, 1780.
- Gualterius** (Nicolaus). Index Testarum conchyliorum quæ adservantur in Museo Nicolai Gualtieri. Fol. *Florence*, 1742.
- Guer** (J. A.). See MAILLET (Benoît de).
- Guerne** (Jules de). See BARROIS (Charles).
- Guettard** (Jean Etienne). Nouvelle collection de mémoires sur différentes parties intéressantes des sciences et arts. 4to. *Paris*, 1786.
- and **Monnet** (A. G.). Atlas et description minéralogiques de la France. 1^e partie. Fol. *Paris*, 1780.
- Gueymard** (A. G.). Sur la Géologie et la Minéralogie de l'île de Corse. (Tract.) 8vo. *Paris*, 1824.
- Guidott** (Thomas). De thermis Britannicis tractatus, accesserunt observationes Hydrostaticæ, Chromaticæ, et Miscellanæ. 4to. *London*, 1691.
- Guidotti** (Gio. Battista). Memoria fisico-chimica sulle pietre cadute dall' atmosfera. (Tract.) 8vo. *Parma*, 1808.
- Guiet** (E. L.). Essai de Géologie rationnelle. (Tract.) 8vo. *Le Mans*, 1850.
- . Première lettre géologique. (Tract.) 4to. *Mamers*, 1857.
- Guilbert** (L.). See LENTILHAC (E. de).
- Guillemin** (E.). See BERTHIER (P.).
- Guinand** (P. L.). Biographical Notice. See R*** (E.).
- Guiscardi** (Guglielmo). Fauna fossile Vesuviana. (Tract.) 8vo. *Naples*, 1856.
- . Un genere di Molluschi della famiglia delle Neritide. (Tract.) 4to. *Naples*, 1856.
- . Sopra un minerale del Monte Somma. (Tract.) 4to. *Naples*, 1857.
- . Sur la presenza di combinazioni del titanio e del boro in alcune sublimazioni vesuviane. (Tract.) 4to. *Naples*, 1860.
- . Sur le *Sphærolites Tenoreana*. (Tract.) 8vo. *Paris*, 1862.
- . Studii sulla famiglia delle Rudiste. (Tract.) 4to. *Naples*, 1864.
- . La Geologia dei nostri tempi. (Tract.) 8vo. *Naples*, 1870.
- . Sopra un Teschio fossile di Foca. (Tract.) 4to. *Naples*, 1871.
- . Di una Grotta con ossami nella Provincia di Bari. (Tract.) 4to. *Naples*, 1873.
- . [Conglomerati pomicosi alternanti con banchi di rocce leucitiche, al lago d'Averno.] 8vo. *Naples*, 1879.
- Guise** (Sir W. V.). Annual Address to the Cotteswold Naturalists' Field-Club, read at Tewkesbury on the 26th February 1861. (Tract.) 8vo. *Gloucester*, 1861.
- Guiteras** (Eusebio). Guia de la Cueva de Bellamar. [A Guide to the Cave of Bellamar.] (Tract.) 8vo. *Matanzas*, 1863.
- Guldberg** (C. M.) and **Waage** (P.). Etudes sur les affinités chimiques. (Tract.) 4to. *Christiania*, 1867.
- Gumælius** (Otto). See SURVEYS: SWEDEN.

- Gümbel** (Carl Wilhelm). Geognostische Beschreibung des bayerischen Alpengebirges und seines Vorlandes. (Geognostische Beschreibung des Königreichs Bayern, Abtheil. I.) 8vo. *Gotha*, 1861.
- . Geognostische Beschreibung des ostbayerischen Grenzgebirges, oder des bayerischen und oberpfälzer Waldgebirges. (Geognostische Beschreibung des Königreichs Bayern, Abtheil. II.) 8vo. *Gotha*, 1868.
- . Geognostische Beschreibung des Fichtelgebirges mit dem Frankenwalde und dem westlichen Vorlande. (Geognostische Beschreibung des Königreichs Bayern, Abtheil. III.) 8vo. *Gotha*, 1879.
- . Die geognostischen Verhältnisse der fränkischen Alb. (Tract.) 8vo. *Munich*, 1864.
- . Ueber das Knochenbett (Bonebed) und die Pflanzen-Schichten in der rhätischen Stufe Frankens. (Tract.) 8vo. *Munich*, 1864.
- . Ueber ein neuentdecktes Vorkommen von phosphorsaurem Kalke in den jurassischen Ablagerungen von Franken. (Tract.) 8vo. *Munich*, 1864.
- . Die geognostischen Verhältnisse des fränkischen Triasgebiets. (Tract.) 8vo. *Munich*, 1865.
- . Die Nummuliten-führenden Schichten des Kressenbergs in Bezug auf ihre Darstellung in der *Lethæa geognostica* von Südbayern. (Tract.) 8vo. *Berlin*, 1865.
- . Geognostische Verhältnisse der Pfalz. (Tract.) 8vo. *Munich*, 1865.
- . Ueber das Vorkommen hohler Kalkgeschiebe in Bayern. (Tract.) 8vo. *Berlin*, 1866.
- . Ueber das Vorkommen unterer Triassschichten in Hochasien. (Tract.) 8vo. *Munich*, 1866.
- . Ueber das Vorkommen von Eozoon im ostbayerischen Urgebirge. (Tract.) 8vo. *Munich*, 1866.
- . Ueber neue Fundstellen von Gosauschichten und Vilser-Kalk bei Reichenhall. (Tract.) 8vo. *Munich*, 1866.
- . Kurze Notiz über die Gliederung der sächsischen und bayerischen oberen Kreideschichten. (Tract.) 8vo. *Dresden*, 1867.
- . Ueber das Vorkommen von Phosphorsäure in den Schichtgesteinen Bayerns. (Tract.) 8vo. *Munich*, 1867.
- . Ueber den Riesvulkan und über vulkanische Erscheinungen im Rieskessel. (Tract.) 8vo. *Munich*, 1870.
- . Vergleichung der Foraminiferenfauna aus den Gosauergeln und den Belemniten-Schichten der bayerischen Alpen. (Tract.) 8vo. *Berlin*, 1870.
- . Die sogenannten Nulliporen (*Lithothamnium* und *Dactylopora*), und ihre Betheiligung an der Zusammensetzung der Kalkgesteine. Theil I. u. II. (Tract.) 4to. *Munich*, 1871–72.
- . Gletschererscheinungen aus der Eiszeit (Gletscherschliffe und Erdfpfeiler im Etsch- und Innthale). (Tract.) 8vo. *Munich*, 1872.
- . Beiträge zur Kenntniss der Organisation und systematischen Stellung von *Receptaculites*. (Tract.) 4to. *Munich*, 1875.
- . Ueber die Natur von Eozoon. (Tract.) 8vo. *Munich*, 1876.
- . Die geognostische Durchforschung Bayerns. (Tract.) 2 copies. 4to. *Munich*, 1877.

- Gümbel** (Carl Wilhelm). Die in Bayern gefundenen Steinmeteoriten. (Tract.) 8vo. *Munich*, 1878.
- . Einige Bemerkungen über Graptolithen. (Tract.) 8vo. *Munich*, 1878.
- . Kurze Anleitung zu geologischen Beobachtungen in den Alpen. (Tract.) 8vo. *Leipzig*, 1878.
- . Die Pflanzenresteführenden Sandsteinschichten von Recoaro. (Tract.) 8vo. *Munich*, 1879.
- . Ueber das Eruptionsmaterial des Schlammvulkans von Paterno am Aetna, und der Schlammvulkane im Allgemeinen. (Tract.) 8vo. *Vienna*, 1879.
- . Vulkanische Asche des Aetna von 1879. (Tract.) 8vo. *Stuttgart*, 1879.
- . Geognostische Mittheilungen aus den Alpen. VI. Ein geognostischer Streifzug durch die Bergamasker Alpen. (Tract.) 8vo. *Munich*, 1880.
- . Ueber die mit einer Flüssigkeit erfüllten Chalcedonmandeln (Enhydros) von Uruguay. (Tract.) 8vo. *Munich*, 1880.
- Gümbel** (Theodor). Die fünf Würfelschnitte. Ein Versuch, der verschiedenen Krystallgestalten in einen innigen Zusammenhang zu bringen. (Tract.) 4to. *Landau*, 1852.
- Gumprecht** (Thaddäus Eduard). Beiträge zur geognostischen Kenntniss einiger Theile Sachsens und Böhmens. 2 copies. 8vo. *Berlin*, 1835.
- . ———. Fortsetzung. (Tract.) 4to. *Munich*, 1836.
- . Ueber einige geognostische Verhältnisse des Grossherzogthums Posen und der ihm angränzenden Landstriche. (Tract.) 8vo. *Berlin*, 1845.
- . Zur geognostischen Kenntniss von Pommern. (Tract.) 8vo. *Berlin*, 1846.
- . Die vulcanische Thätigkeit auf dem Festlande von Africa, in Arabien und auf den Inseln des Rothen Meeres. 8vo. *Berlin*, 1849.
- . Einige Beiträge zur Geschichte der Geognosie. (Tract.) 8vo. *Berlin*, 1850.
- . Untersuchungen über die Geographie des Continents von Africa, besonders in Beziehung auf die Etymologie der Namen. (Tract.) 8vo. *Berlin*, 1850.
- . Die Bedeutung der Versteinerungen für die wissenschaftliche Erdkunde. (Tract.) 8vo. *Berlin*, 1851.
- . Die Mineralquellen auf dem Festlande von Africa, besonders in Bezug auf ihre geognostischen Verhältnisse. (Tract.) 8vo. *Berlin*, 1851.
- . Ueber J. J. Forrester's zwei Charten vom Laufe des Douro in Portugal. (Tract.) 8vo. *Berlin*.
- Gunn** (John). A sketch of the Geology of Norfolk. (Tract.) 8vo. *Sheffield*, 1864.
- . A diagram of Coast and Inland Sections of Strata in Norfolk and Suffolk, with explanatory remarks. (Tract.) 2 copies. 8vo. *Norwich*.
- . See SERIALS, ETC.: NORWICH: Geological Society.

Gunn (W.). See **SURVEYS: ENGLAND AND WALES**.

Günther (Albert Carl L. G.). *The Reptiles of British India*. (Ray Society.) 4to. *London*, 1864.

———. *Contributions to our Knowledge of the Fish-fauna of the Tertiary Deposits of the Highlands of Padang, Sumatra*. (Tract.) 8vo. *London*, 1876.

———. See **BRITISH MUSEUM and SURVEYS: GREAT BRITAIN**.

Günther (W.), **Büttner** (R.), and **Rothkirch** (H. von). *Grundzüge der schlesischen Klimatologie*. (Tract.) 4to. *Breslau*, 1857.

Guppy (R. J. Lechmere). *On the occurrence of Foraminifera in the Tertiary Beds at San Fernando, Trinidad*. (Tract.) 8vo. *Port-of-Spain*, 1863.

———. *On the Terrestrial and Fluvatile Mollusca of Trinidad*. (Tract.) 8vo. *London*, 1866.

———. *Notes on West Indian Geology, with remarks on the existence of an Atlantis in the early Tertiary period, etc.* (Tract.) 8vo. *London*, 1867.

———. *On the Tertiary Fossils of the West Indies, with especial reference to the Classification of the Kainozoic Rocks of Trinidad*. (Tract.) 8vo. *Trinidad*, 1867.

———. *On the Terrestrial Mollusca of Dominica and Grenada; with an account of some new species from Trinidad*. (Tract.) 8vo. *London*, 1868.

———. *Notes of a Visit to Dominica*. (Tract.) 8vo. *Trinidad*, 1869.

———. *On the present condition of the Trinidad Public Library; with suggestions for the improvement and development of that Institution*. (Tract.) 8vo. *Trinidad*, 1869.

———. *Notes on some new forms of Terrestrial and Fluvatile Mollusca found in Trinidad*. (Tract.) 8vo. *Philadelphia*, 1870.

———. *Third Series of additions to the Catalogue of the Land and Freshwater Mollusca of Trinidad; with a revised List of all the Species*. (Tract.) 8vo. *Trinidad*, 1872.

———. *On the West Indian Tertiary Fossils*. (Tract.) 8vo. *London*, 1874.

——— and **Hogg** (Jabez). *On the Lingual Dentition of some West-Indian Gasteropoda*. (Tract.) 4to. *London*, 1866.

Gurley (R. R.). *Report on Liberia*. (Tract.) 8vo. *Washington*, 1850.

Gussmann (Franz). *Beyträge zur Bestimmung des Alters unserer Erde, und ihrer Bewohner der Menschen*. 8vo. *Vienna*, 1782.

Gussone (Giovanni) and **Tenore** (M.). *Tre articoli riguardanti fatte in alcuni luoghi del regno di Napoli*. (Tract.) 8vo. *Naples*, 1838.

———. *Osservazioni fisico-geognostiche fatte in un viaggio per diversi luoghi delle provincie di Terra di Lavoro e di Abruzzo, nella state del 1834*. (Tract.) 4to. *Naples?*, 1835?

Gutberlet (Wilhelm Carl Julius). *Einschlüsse in vulkanoidischen Gesteinen*. (Tract.) 8vo. *Fulda*, 1853.

———. *Ueber Schwarzbraunstein in Trachytporphyr der Rhön*. (Tract.) 8vo. *Berlin*, 1853.

———. *Ueber das Vorkommen und die Aufbereitung des Edder-Goldes*. (Tract.) 8vo. *Stuttgart*, 1854.

- Hacquet** (Balth.). *Oryctographia Carniolica, oder physikalische Beschreibung des Herzogthums Krain, Istrien und zum Theil der benachbarten Länder.* 4 vols. 4to. *Leipzig*, 1778–89.
- . *Nachricht von Versteinerungen von Schalthieren, die sich in ausgebrannten feuerspeyenden Bergen finden . . . herausgegeben und mit Anmerkungen vermehrt von J. S. Schröter.* (Tract.) 8vo. *Weimar*, 1780.
- . *Mineralogisch-botanische Lust-Reise, von dem Berg Terglou in Krain, zu dem Berg Glockner in Tyrol, im Jahr 1779 und 81.* (Tract.) 8vo. *Vienna*, 1784.
- . *Physikalisch-politische Reise aus den dinarischen durch die julischen, carnischen, rhätischen in die norischen Alpen, im Jahre 1781 und 1783.* 2 vols. 8vo. *Leipzig*, 1785.
- Hagenow** (Friedrich von). *Ueber fossile Scleropoden und Thallopoden aus der Abtheilung der Bryozoen oder Mooskorallen, und deren Vertheilung in Gruppen.* 8vo. *Dresden*, 1846.
- . *Die Bryozoen der Maastrichter Kreidebildung.* 4to. *Cassel*, 1851.
- Hager** (Albert D.). See *SURVEYS: VERMONT.*
- Hague** (Arnold). See *SURVEYS: UNITED STATES (40th Parallel).*
- Hague** (James D.). See *SURVEYS: UNITED STATES (40th Parallel).*
- Hahn** (Otto). *Giebt es ein Eozoon canadense? Eine mikrogeologische Untersuchung.* (Tract.) 8vo. *Stuttgart*, 1876.
- . *Die Urzelle, nebst dem Beweis dass Granit, Gneiss, Serpentin, Talk, gewisse Sandsteine, auch Basalt, endlich Meteorstein und Meteoreisen aus Pflanzen bestehen.* 8vo. *Tübingen*, 1879.
- Haidinger** (Karl). *Systematische Eintheilung der Gebirgsarten.* (Tract.) 4to. *Vienna*, 1787.
- Haidinger** (Wilhelm von). *Biographical Notice.* See **HAUER** (Franz von).
- . *On the Crystallization of Copper Pyrites.* (Tract.) 8vo. *Edinburgh*, 1822.
- . *On the Natural-Historical Determination of Diallage.* (Tract.) 4to. *Edinburgh*, 1823.
- . *On the Series of Crystallisation of Apatite.* (Tract.) 8vo. *Edinburgh*, 1824.
- . *Bericht über die geognostische Uebersichts-Karte der österreichischen Monarchie.* (Tract.) 8vo. *Vienna*, 1847.
- . *Geologische Uebersicht der Bergbaue der österreichischen Monarchie.* 8vo. *Vienna*, 1855.
- . *Ausprache gehalten am Schlusse des ersten Decenniums der k.-k. geologischen Reichsanstalt.* (Tract.) 8vo. *Vienna*, 1859.
- . *Die Meteoriten des k. k. Hof-Mineralien-Cabinetes am 30. Mai, 1860.* (Tract.) 8vo. *Vienna*, 1860.
- . *Ausprache des Directors der k. k. geologischen Reichsanstalt, 1863.* (Tract.) 8vo. *Vienna*, 1863.
- . *Zur Erinnerung an Ferdinand von Thinnfeld.* (Tract.) 8vo. *Vienna*, 1868.
- . *Das k.-k. montanistische Museum und die Freunde der Naturwissenschaften in Wien in den Jahren 1840 bis 1850. Erinnerungen an die Vorarbeiten zur Gründung der k.-k. geologischen Reichsanstalt.* 8vo. *Vienna*, 1869.

- Haidinger** (Wilhelm von). Remarks on the Luminous, Thermal, and Acoustic Phenomena attending the Fall of Meteorites. (Tract.)
8vo. *London*, 1869.
- . Der 8. November 1845. Jubel-Erinnerungstag. Rückblick auf die Jahre 1845 bis 1870. (Tract.)
8vo. *Vienna*, 1870.
- . See FÖTTERLE (Franz), HAUER (Franz von), MOHS (Friedrich), and SERIALS ETC.: VIENNA. Berichte über die Mittheilungen von Freunden der Naturwissenschaften ; and Naturwissenschaftliche Abhandlungen.
- and DÖLL (Eduard). Des Herrn Joachim Barrande Système Silurien du Centre de la Bohême. (Tract.)
8vo. *Vienna*, 1872.
- Haigh** (Eccles). The Potato Disease, and the Curl Disease in potatoes.
8vo. *London*, 1875.
- Hailstone** (J.). On the Geology of Cambridge. (2 MS. Tracts.)
- Haime** (Jules). Biographical Notice. See ARCHIAC (A. d').
- . See ARCHIAC (A. d'), BELLARDI (Luigi), and EDWARDS (Henri Milne).
- Haldeman** (S. S.). See MELSHEIMER (Friedrich Ernst).
- Haliburton** (R. G.). New Materials for the History of Man, derived from the Calendars and Festivals of Nations. No. II. Astronomical Features in the Mosaic Cosmogony. (Tract.) (3 copies.)
8vo. *Halifax, N. S.*, 1864.
- Hall** (Basil). Account of a Voyage of Discovery to the West Coast of Corea, and the great Loo-Choo Island, with . . . a Vocabulary of the Loo-Choo Language, by H. J. Clifford, Esq.
4to. *London*, 1818.
- and PLAYFAIR (F.). Account of the Structure of the Table Mountain and other Parts of the Peninsula of the Cape. (Tract.)
4to. *Edinburgh*, 1815.
- Hall** (Edward Swarbeck). See EXHIBITION OF 1862 (London). Tasmania.
- Hall** (Elias). Introduction to the Mineral and Geological Map of the Coal-field of Lancashire, with a part of Yorkshire, Derbyshire, and Cheshire. (Tract.) (2 copies.)
8vo. *Manchester*, 1836.
- Hall** (Frederick). An Appeal to the poor Miner, and to every Nobleman, Gentleman, and Tradesman in the Kingdom, who feels interested in a Miner's fate. 2nd edition. (Tract.)
8vo. *London*, 1818.
- Hall** (H.). Geographical Notes on South Africa. Its Physical Features, River and Mountain Systems. (Tract.)
8vo. *Grahamstown*, 1857.
- Hall** (Hugh F.). Drift Sections of the Holderness Coast. (Tract.)
8vo. *Liverpool*, 1867.
- Hall** (Sir James). Account of a Series of Experiments showing the Effects of Compression in modifying the Action of Heat. (3 copies.)
4to. *Edinburgh*, 1805.
- . On the Consolidation of the Strata of the Earth. (Tract.)
4to. *Edinburgh*, 1825.
- Hall** (James). Notes upon the Geology of the Western States. (Tract.)
8vo. *New Haven*, 1842.
- . Niagara Falls: their physical changes, and the geology and topography of the surrounding country. (Tract.)
8vo. *Boston*, 1843.

- Hall (James).** On the Geological Position of the *Castoroides ohioensis*; also a Description of the Cranium of the same, by Jeffries Wyman. (Tract.) 4to. Boston, 1846.
- . Address delivered at the Anniversary Meeting of the Harvard Natural History Society, May, 1848. (Tract.) 8vo. Cambridge, Mass., 1848.
- . Observations on the Genus *Archimedes* or *Fenestella*, with descriptions of species, etc. (Tract.) 8vo. Cambridge, Mass., 1857.
- . Description of new Species of Fossils from the Carboniferous Limestones of Indiana and Illinois. (Tract.) 8vo. Albany, 1857.
- . Descriptions of new Species of Palæozoic Fossils from the Lower Helderberg, Oriskany Sandstone, Upper Helderberg, Hamilton and Chemung Groups. (Tract.) 2 copies. 8vo. Albany, 1857.
- . On the Carboniferous Limestones of the Mississippi Valley. (Tract.) 8vo. Cambridge, Mass., 1857.
- . Report on Canadian Graptolites. (Tract.) 2 copies. 8vo. Montreal, 1858.
- . Descriptions of new Species of Fossils from the Silurian Rocks of Nova Scotia. (Tract.) 8vo. Montreal, 1860.
- . Contributions to Palæontology, 1858–1859. (2 copies.) 8vo. Albany, 1861.
- . Descriptions of new Species of Crinoidea; from investigations of the Iowa Geological Survey. (Tract.) 8vo. Albany, 1861.
- . On a new Crustacean from the Potsdam Sandstone. (Tract.) 8vo. Montreal, 1862.
- . Rejoinder to the Criticisms of the American Journal of Science and Arts, on his Contributions to Palæontology. (Tract.) 8vo. New Haven, 1862.
- . Preliminary Notice of some Species of Crinoidea from the Waverly Sandstone Series of Summit County, Ohio, supposed to be of the age of the Chemung group of New York. (Tract.) 8vo. Albany, 1863.
- . Preliminary Notice of the Fauna of the Potsdam Sandstone, or Lower Sandstone of the Upper Mississippi Valley. (Tract.) 8vo. Albany, 1867.
- . Note upon the Genus *Palæaster* and other fossil Starfishes. (Tract.) 8vo. Washington, 1869.
- . Notes upon the Geology of some Portions of Minnesota, from St. Paul to the western part of the State. (Tract.) 4to. Philadelphia, 1869.
- . Observations upon some Species of *Spirifera*, from the Upper Helderburg, Hamilton and Chemung groups. (Tract.) 8vo. Philadelphia, 1869.
- . Notes on some new or imperfectly known Forms among the Brachiopoda, etc. (Tract.) 8vo. Philadelphia?, 1871.
- . ———. (Tract.) 8vo. New York, 1872.
- . Preliminary Notice of the Lamellibranchiate Shells of the Upper Helderberg, Hamilton and Chemung groups, with others from the Waverly Sandstones. Part 2. (Tract.) 8vo. Philadelphia?, 1872?
- . The Louisville Limestones. (Tract.) 4to. Albany, 1877.

- Hall** (James). See **BARRANDE** (Joachim), **EMORY** (William H.), **LYELL** (Sir Charles), **NEW YORK**, *Natural History*; and **SURVEYS: CANADA, IOWA, NEW YORK, UNITED STATES, and WISCONSIN**.
- and **Whitfield** (R. P.). *Descriptions of new Species of Fossils from the vicinity of Louisville, Kentucky, and the Falls of Ohio; from the Collection of Dr. James Knapp, of Louisville.* (Tracts.)
8vo. *New York*, 1872.
- Hall** (Marshall). *The Cruise of the 'Norna.'* 8vo. *London*, 1871.
- The *Val d'Anniviers.* (Tract.) 8vo. *London*, 1877.
- *Supplementary Notes on the Val d'Anniviers.* (Tract.)
8vo. *London*, 1879.
- See **KJERULF** (T.).
- Hall** (Townshend Monckton). *The Geology of North Devon.* (Tract.)
8vo. *London*, 1866.
- *The Mineralogist's Directory; or a Guide to the principal Mineral Localities in the United Kingdom of Great Britain and Ireland.*
8vo. *London*, 1868.
- *Notes on the Geology and Mineralogy of the Island of Lundy.* (Tract.) 8vo. *Plymouth*, 1871.
- *On certain Instances of Concentric Lamination observed amongst the pebbles on Northam Ridge.* (Tract.)
8vo. *Plymouth*, 1871.
- *On certain Variations of Temperature during the Solar Eclipse of December 22nd, 1870.* (Tract.) 8vo. *London*, 1871.
- *Records of Tide, Rain, and Wind, during the Carboniferous Period in North Devon.* (Tract.) 8vo. *Exeter*, 1872.
- *Note on the Occurrence of Mineral Oil in Shale at Barnstaple.* (Tract.) 8vo. *Plymouth*, 1874.
- *Notes on the Anthracite Beds of North Devon.* (Tract.)
8vo. *Plymouth*, 1875.
- *Geology and Mineralogy of North Devon.* (Tract.)
8vo. *Ilfracombe*, 1876.
- *Remarks on the Distribution of Minerals in North Devon.* (Tract.) 8vo. *London*, 1877.
- *A Sketch of the Geology of Devonshire.* (Tract.)
8vo. *Sheffield*, 1878.
- *Contributions towards a History of British Meteorites.* (Tract.)
8vo. *London*, 1879.
- Haller** (A. Em. de). *Description courte et abrégée des Salines du gouvernement d'Aigle mise au jour par ordre Souverain. Traduite en français par M. de Leuze.* 8vo. *Yvert*, 1777.
- Halliday** (Alexander H.). See **SERIALS ETC. LONDON**, **Ray Society**; and **WAGNER** (A.).
- Halloy** (J. J. d'Omalus d'). See **OMALIUS D'HALLOÏ** (J. J. d').
- Hamel** (J.). *Relation de deux tentatives récentes pour monter sur le Mont-Blanc.* (Tract.) 8vo. *Geneva*, 1820.
- Hamilton** (Charles William). *Address delivered at the Anniversary Meeting of the Geological Society of Dublin, 1845.* (Tract.)
2 copies. 8vo. *Dublin*, 1845.
- Hamilton** (Francis). *Description of the Diamond Mine of Panna.* (Tract.) 8vo. *Edinburgh*, 1819.

- Hall (James).** On the Geological Position of the *Castoroides ohioensis*; also a Description of the Cranium of the same, by Jeffries Wyman. (Tract.) 4to. Boston, 1846.
- . Address delivered at the Anniversary Meeting of the Harvard Natural History Society, May, 1848. (Tract.) 8vo. Cambridge, Mass., 1848.
- . Observations on the Genus *Archimedes* or *Fenestella*, with descriptions of species, etc. (Tract.) 8vo. Cambridge, Mass., 1857.
- . Description of new Species of Fossils from the Carboniferous Limestones of Indiana and Illinois. (Tract.) 8vo. Albany, 1857.
- . Descriptions of new Species of Palæozoic Fossils from the Lower Helderberg, Oriskany Sandstone, Upper Helderberg, Hamilton and Chemung Groups. (Tract.) 2 copies. 8vo. Albany, 1857.
- . On the Carboniferous Limestones of the Mississippi Valley. (Tract.) 8vo. Cambridge, Mass., 1857.
- . Report on Canadian Graptolites. (Tract.) 2 copies. 8vo. Montreal, 1858.
- . Descriptions of new Species of Fossils from the Silurian Rocks of Nova Scotia. (Tract.) 8vo. Montreal, 1860.
- . Contributions to Palæontology, 1858–1859. (2 copies.) 8vo. Albany, 1861.
- . Descriptions of new Species of Crinoidea; from investigations of the Iowa Geological Survey. (Tract.) 8vo. Albany, 1861.
- . On a new Crustacean from the Potsdam Sandstone. (Tract.) 8vo. Montreal, 1862.
- . Rejoinder to the Criticisms of the American Journal of Science and Arts, on his Contributions to Palæontology. (Tract.) 8vo. New Haven, 1862.
- . Preliminary Notice of some Species of Crinoidea from the Waverly Sandstone Series of Summit County, Ohio, supposed to be of the age of the Chemung group of New York. (Tract.) 8vo. Albany, 1863.
- . Preliminary Notice of the Fauna of the Potsdam Sandstone, or Lower Sandstone of the Upper Mississippi Valley. (Tract.) 8vo. Albany, 1867.
- . Note upon the Genus *Palæaster* and other fossil Starfishes. (Tract.) 8vo. Washington, 1869.
- . Notes upon the Geology of some Portions of Minnesota, from St. Paul to the western part of the State. (Tract.) 4to. Philadelphia, 1869.
- . Observations upon some Species of *Spirifera*, from the Upper Helderberg, Hamilton and Chemung groups. (Tract.) 8vo. Philadelphia, 1869.
- . Notes on some new or imperfectly known Forms among the Brachiopoda, etc. (Tract.) 8vo. Philadelphia?, 1871.
- . ———. (Tract.) 8vo. New York, 1872.
- . Preliminary Notice of the Lamellibranchiate Shells of the Upper Helderberg, Hamilton and Chemung groups, with others from the Waverly Sandstones. Part 2. (Tract.) 8vo. Philadelphia?, 1872?
- . The Louisville Limestones. (Tract.) 4to. Albany, 1877.

- Hall** (James). See BARRANDE (Joachim), EMORY (William H.), LYELL (Sir Charles), NEW YORK, Natural History; and SURVEYS: CANADA, IOWA, NEW YORK, UNITED STATES, and WISCONSIN.
- and Whitfield (R. P.). Descriptions of new Species of Fossils from the vicinity of Louisville, Kentucky, and the Falls of Ohio; from the Collection of Dr. James Knapp, of Louisville. (Tracts.)
8vo. *New York*, 1872.
- Hall** (Marshall). The Cruise of the 'Norna.' 8vo. *London*, 1871.
- The Val d'Anniviers. (Tract.) 8vo. *London*, 1877.
- Supplementary Notes on the Val d'Anniviers. (Tract.)
8vo. *London*, 1879.
- See KJERULF (T.).
- Hall** (Townshend Monckton). The Geology of North Devon. (Tract.)
8vo. *London*, 1866.
- The Mineralogist's Directory; or a Guide to the principal Mineral Localities in the United Kingdom of Great Britain and Ireland.
8vo. *London*, 1868.
- Notes on the Geology and Mineralogy of the Island of Lundy. (Tract.) 8vo. *Plymouth*, 1871.
- On certain Instances of Concentric Lamination observed amongst the pebbles on Northam Ridge. (Tract.)
8vo. *Plymouth*, 1871.
- On certain Variations of Temperature during the Solar Eclipse of December 22nd, 1870. (Tract.) 8vo. *London*, 1871.
- Records of Tide, Rain, and Wind, during the Carboniferous Period in North Devon. (Tract.) 8vo. *Exeter*, 1872.
- Note on the Occurrence of Mineral Oil in Shale at Barnstaple. (Tract.) 8vo. *Plymouth*, 1874.
- Notes on the Anthracite Beds of North Devon. (Tract.)
8vo. *Plymouth*, 1875.
- Geology and Mineralogy of North Devon. (Tract.)
8vo. *Ilfracombe*, 1876.
- Remarks on the Distribution of Minerals in North Devon. (Tract.) 8vo. *London*, 1877.
- A Sketch of the Geology of Devonshire. (Tract.)
8vo. *Sheffield*, 1878.
- Contributions towards a History of British Meteorites. (Tract.)
8vo. *London*, 1879.
- Haller** (A. Em. de). Description courte et abrégée des Salines du gouvernement d'Aigle mise au jour par ordre Souverain. Traduite en français par M. de Leuze. 8vo. *Yvert*, 1777.
- Halliday** (Alexander H.). See SERIALS ETC. LONDON, Ray Society; and WAGNER (A.).
- Halloy** (J. J. d'Omalus d'). See OMALIUS D'HALLOY (J. J. d').
- Hamel** (J.). Relation de deux tentatives récentes pour monter sur le Mont-Blanc. (Tract.) 8vo. *Geneva*, 1820.
- Hamilton** (Charles William). Address delivered at the Anniversary Meeting of the Geological Society of Dublin, 1845. (Tract.)
2 copies. 8vo. *Dublin*, 1845.
- Hamilton** (Francis). Description of the Diamond Mine of Panna. (Tract.) 8vo. *Edinburgh*, 1819.

- Hamilton** (Henry C.). Notes on the Manufacture of Salt in the Tumlook Agency. (Tract.) 8vo. *Calcutta*, 1853.
- Hamilton** (Walter). A Geographical, Statistical, and Historical Description of Hindostan and the adjacent Countries. 2 vols. 4to. *London*, 1820.
- . The East India Gazetteer. 2 vols. 8vo. *London*, 1828.
- Hamilton** (William). Letters concerning the Northern Coast of the County of Antrim, containing such circumstances as appear worthy of notice respecting the Antiquities, Manners and Customs of the Country, together with the Natural History of the Basaltes, etc. 8vo. *Dublin*, 1790.
- Hamilton** (Sir William). Observations on Mount Vesuvius, Mount Etna, and other Volcanos; in a series of Letters addressed to the Royal Society. (Tract.) 8vo. *London*, 1772.
- . Œuvres complètes de M. le Ch. H., commentées par M. Giraud-Soulavie. 8vo. *Paris*, 1781.
- . Relation des derniers Tremblemens de Terre arrivés en Calabre et en Sicile. Traduite de l'anglois, et enrichie de notes traduites de l'italien du Doct. G. Sella. (Tract.) 8vo. *Geneva*, 1784.
- . Champs Phlégréens, ou observations sur les volcans des deux Siciles. Fol. *Paris*, 1799–1800.
- Hamilton** (William John). Notes of a Journey in Asia Minor, in 1837. (Tract.) 8vo. *London*, 1838.
- . On the Geology of Part of Asia Minor, between the Salt Lake of Kodj-hissar and Cæsarea of Cappadocia, including a brief description of Mount Argæus. (Tract.) 4to. *London*, 1840.
- . Researches in Asia Minor, Pontus, and Armenia. 2 vols. 8vo. *London*, 1842.
- . Address to the Royal Geographical Society of London, 1848. (Tract.) 8vo. *London*, 1848.
- . Address to the Royal Geographical Society of London, delivered at the Anniversary Meeting, 1849. (Tract.) 8vo. *London*, 1849.
- . Geography [from the Admiralty Manual of Scientific Inquiry]. (Tract.) 8vo. *London*, 1851.
- and **Strickland** (Hugh Edwin). On the Geology of the Western Part of Asia Minor. (Tract.) 4to. *London*, 1842.
- Hamilton** (Sir William Rowan). Addresses to the Royal Geographical Society of London, delivered at the Anniversaries 1838 and 1843. (Tract.) 8vo. *London*, 1838–43.
- Hammersmith, etc.** Well-borings at Hammersmith and Chiswick. (Tract.) MS., no date.
- Hammond** (—). See **FOULKE** (William Parker).
- Hamy** (E. T.). Précis de paléontologie humaine. 8vo. *Paris*, 1870.
- . See **SAUVAGE** (H. Em.).
- Hancock** (Albany). See **ALDER** (Joshua).
- Hancock** (John). Observations on the Climate, Soil and Productions of British Guiana. 2nd edition. 8vo. *London*, 1840.
- Hänke** (Thaddäus). See **JIRASEK** (Johann).
- Hanley** (Sylvanus). See **FORBES** (Edward).

- Hann** (Julius), **Hochstetter** (F. von), and **Pokorny** (Alois). Allgemeine Erdkunde. Ein Leitfaden der astronomischen Geographie, Meteorologie, Geologie und Biologie. 2te Auflage. 8vo. *Prague*, 1875.
- Hanson** (Richard Davies). Science and Theology. (Tract.) 8vo. *London*, 1864.
- Hansteen** (Christopher). Untersuchungen über den Magnetismus der Erde. Uebersetzt von P. Treschow Hanson. Theil I. 4to. *Christiania*, 1819.
- . Om det rette Aar og Dagen, da Slaget ved Stikklestad blev holdt. (Tract.) 8vo. *Christiania*, 1832–33.
- . Om Merkurs gang foran Solens skive. (Tract.) 8vo. *Christiania*, 1832–33.
- Hanstein** (Johann). Christian Gottfried Ehrenberg. Ein Tagwerk auf dem Felde der Naturforschung des neunzehnten Jahrhunderts. 8vo. *Bonn*, 1877.
- Hantken** (Maximilian von). Geologie Ungarns in allgemeinen Umrissen. (Ungarische Revue.) 8vo. *Leipzig* and *Vienna*, 1869.
- Hardman** (Edward T.). On Hullite; a hitherto undescribed mineral; a Hydrous Silicate of peculiar composition, from Carnmoney Hill, co. Antrim. With Notes on the Microscopical Appearances, by E. Hull. (Tract.) 8vo. *Dublin*, 1878.
- . See HULL (Edward).
- Hardy** (—). See ANON. (Mining).
- Hare** (Robert). Of the Conclusion arrived at by a Committee of the Academy of Sciences of France, agreeably to which Tornados are caused by Heat; while, agreeably to Peltier's Report to the same body, certain insurers had been obliged to pay for a Tornado as an Electrical Storm, etc. 2nd edition. (Tract.) 8vo. *Philadelphia*, 1852.
- Hare** (Thomas). Observations on Basalt, with eight illustrative drawings. (Tract.) Fcap. fol. *Manuscript*, 1815.
- Hargraves** (Edward Hammond). Australia and its gold-fields. 8vo. *London*, 1865.
- . E. H. H. and the 25th Anniversary of the Gold Discovery. (Tract.) 1876.
- . See REPORTS, COLONIAL. New South Wales.
- Harkness** (Robert). On Professor Agassiz's glacial theory. (Tract.) 8vo. *Manchester*, 1843.
- . On the Climate of the Coal Epoch. (Tract.) 8vo. *Manchester*, 1843.
- . On Coal. The nature of the plants forming coal; the changes produced by chemical action and compression; associated mineral matter; origin of coal. (Tract.) 8vo. *Edinburgh*, 1854.
- . On Mineral Charcoal. (Tract.) 8vo. *Edinburgh*, 1855.
- . On a Deposit containing sub-fossil Diatomaceæ in Dumfriesshire. (Tract.) 8vo. *Edinburgh*, 1855.
- . On the Annelid-tracks in the Equivalents of the Millstone-grits in the South-west of the county of Clare. (Tract.) 8vo. *Edinburgh*, 1855.
- . On the Geology of the Dingle Promontory. (Tract.) 2 copies. 8vo. *Edinburgh*, 1855.

- Harkness** (Robert). On the Occurrence of Scalariform Tissue in the Devonian Strata of the South of Ireland. (Tract.) 8vo. *Edinburgh*, 1856.
- . On the Records of a Triassic Shore. (Tract.) 8vo. *Edinburgh*, 1857.
- . See **BINNEY** (Edward William).
- and **Blyth** (John). On the Cleavage of the Devonians of the South-west of Ireland. (Tract.) 2 copies. 8vo. *Edinburgh*, 1855.
- . On the Lignites of the Giant's Causeway and the Isle of Mull. (Tract.) 8vo. *Edinburgh*, 1856.
- Harkus** (William). South Australia: its history, resources. and productions. 8vo. *London*, 1876.
- Harlan** (Richard). Description of an extinct Species of fossil Vegetable of the Family Fucoides. (Tract.) 3 copies. 8vo. *Philadelphia*, 1831.
- . Description of the fossil Bones of the *Megalonyx* discovered in "White Cave," Kentucky. (Tract.) 3 copies. 8vo. *Philadelphia*, 1831.
- . Notice of fossil Bones found in the Tertiary Formation of the State of Louisiana. (Tract.) 4to. *Philadelphia*, 1832.
- . Notice of the Discovery of the Remains of the *Ichthyosaurus* in Missouri, N. A. (Tract.) 4to. *Philadelphia*, 1832.
- . Critical Notices of various Organic Remains hitherto discovered in North America. (Tract.) 8vo. *Philadelphia*, 1835.
- . Medical and Physical Researches. 8vo. *Philadelphia*, 1835.
- . On the Structure of the Teeth in the "Edentata," fossil and recent. (Tract.) 8vo. *Philadelphia*, 1835.
- . Notice on the Discovery of the *Basilosaurus* and *Batrachosaurus*. (Tract.) 8vo. *London*, 1839.
- Harless** (Emil). Grenzen und Grenzgebiete der physiologischen Forschung. Festrede . . . gehalten in der öffentlichen Sitzung der k. b. Akademie der Wissenschaften am 28. November 1860. 4to. *Munich*, 1860.
- Harmer** (F. W.). The 'Testimony of the Rocks' in Norfolk. A popular description of the geology of the county. (Tract.) 8vo. *London*, 1877.
- Harris** (A.). Accounts of Beds bored through in Monk Wearmouth Pit. (Tract.) Fol. *Manuscript*, 1831.
- Harris** (John). Remarks on some late Papers relating to the Universal Deluge, and to the Natural History of the Earth. 8vo. *London*, 1697.
- Harris** (Thaddeus Mason). Account of Pawpaw, or Cowry-shells, found in Dorchester. (Tract.) 4to. *Boston*, 1809.
- Harris** (Thaddeus William). Entomological Correspondence. Edited by Samuel H. Scudder. 8vo. *Boston*, 1869.
- Harris** (William). Obituary Notice. See **JONES** (Thomas Rupert).
- Harrington** (B. J.). See **DAWSON** (J. W.).
- Harrington** (H.). Catalogue of *his* numerous collection of minerals removed from Ireland for sale in London. (Tract.) 8vo. *London*, 1833.
- Harrington Museum**. Catalogue explanatory of the first day's sale of the splendid cabinet of minerals. (Tract.) 8vo. *Dublin*, 1833.

- Harrison** (W. A.). *A Manual of Physiography*. 12mo. *London*, 1879.
- Harrison** (William Jerome). *Notes on the Geology of the North Midland Counties, Leicester, Rutland, Derby, and Notts.* (Tract.)
8vo. *Leicester?*, 1876.
- . *Outlines of the Geology of the Counties of England*. Nos. II. and III. *Lincolnshire, Warwickshire, Staffordshire, Worcestershire; Northamptonshire, Huntingdonshire, Bedfordshire, Buckinghamshire, Oxfordshire, Berkshire.* (Tracts.) 8vo. *Leicester?*, 1876–77.
- . *Practical Geology in the Town of Leicester.* (Tract.)
8vo. *Leicester*, 1876.
- . *A Sketch of the Geology of Hampshire.* (Tract.)
8vo. *Sheffield*, 1877.
- . *A Sketch of the Geology of Leicestershire and Rutland.*
8vo. *Sheffield*, 1877.
- . (Geology of the Counties of England.) *The six Home counties and Cheshire.* (Tract.) 8vo. *Leicester*, 1878.
- . (——.) *West Riding of Yorkshire.* (Tract.) 2 copies.
8vo. *Leicester*, 1878.
- . *A Scheme for the Examination of the Glacial Deposits of the Midland Counties of England.* (Tract.) 2 copies. 8vo. *Leicester*, 1878.
- . *Practical Geology* (Stewart's Educational Series). 2 copies.
8vo. *London*, 1878.
- . *The Syenites of South Leicestershire.* (Tract.) 8vo. *Leicester*, 1880.
- Hart** (John). (Report on some bones of the fossil Elk.) (Tract.)
8vo. *Dublin*, 1824.
- . *A Description of the Skeleton of the Fossil Deer of Ireland.* 2nd edition. (Tract.)
8vo. *Dublin*, 1830.
- Hartig** (Ernst). See SAXONY.
- Harting** (Pieter). *De Bodem onder Amsterdam.* (Tract.)
4to. *Amsterdam*, 1852.
- . *De Bodem onder Gorinchem.* (Tract.) 4to. *Haarlem*, 1853.
- . *Het Eiland Urk, zijn Bodem, Voortbrengselen en Bewoners.* (Tract.)
8vo. *Utrecht*, 1853.
- Hartley** (Sir Charles Augustus). *Description of the Delta of the Danube and of the Works recently executed at the Sulina Mouth.* (Tract.)
8vo. *London*, 1862.
- Hartmann** (Carl). *Handwörterbuch der Mineralogie, Berg-, Hütten- und Salzwerkskunde, etc.* 8vo. *Ilmenau*, 1825.
- Hartt** (Charles Frederick). *Scientific Results of a Journey in Brazil.* By Louis Agassiz &c. *Geology and Physical Geography of Brazil.* 8vo. *Boston and London*, 1870.
- . *Contributions to the Geology and Physical Geography of the Lower Amazons. The Ereré-Monte-Alegre district and the Table-topped Hills.* (Morgan Expeditions, 1870–71.) (Tract.)
8vo. *Buffalo*, 1874.
- . See AGASSIZ (Louis). See also RATHBUN (Richard).
- Hartung** (George). *Die Azoren in ihrer äusseren Erscheinung und nach ihrer geognostischen Natur; mit Beschreibung der fossilen Reste von Prof. H. G. Bronn.* 8vo; Atlas, 4to. *Leipzig*, 1860.
- . *Betrachtungen über Erhebungskrater, ältere und neuere Eruptivmassen.* 8vo. *Leipzig*, 1862.

- Hartung** (George). Geologische Beschreibung der Inseln Madeira und Porto Santo. Mit dem systematischen Verzeichnisse der fossilen Reste dieser Inseln und der Azoren von Karl Mayer.
8vo. *Leipzig*, 1864.
- . Die geologischen Verhältnisse der Inseln Lanzarote und Fuertaventura.
4to. (*Winterthur* ?), 1856.
- Hassard** (Richard). See HEMANS (George Willoughby).
- Hasse** (C.). Anatomische und paläontologische Ergebnisse. (Tract.)
4to. *Leipzig*, 1878.
- Hasse** (E.). Das natürliche System der Elasmobranchier auf Grundlage des Baues und der Entwicklung ihrer Wirbelsäule.
4to. *Jena*, 1879.
- Hasse** (Johann Gottfried). Der aufgefundenen *Eridanus* oder neue Aufschlüsse über den Ursprung, die Zeit der Entstehung, das Vaterland und die Geschichte des Bernsteins.
8vo. *Riga*, 1796.
- Hassenfratz** (Jean Henri). La Sidérotechnie, ou l'art de traiter les minerais de fer pour en obtenir de la fonte, du fer, ou de l'acier.
4 vols. 4to. *Paris*, 1812.
- . See GUYTON DE MORVEAU (L. B.).
- Hassenstein** (B.). See VON DER DECKEN (Carl Claus). Reisen in Ost-Africa in 1859–1865.
- Hassler** (Ferd. Rod.). Comparison of Weights and Measures of Length and Capacity, reported to the Senate of the United States by the Treasury Department in 1832.
8vo. *Washington*, 1832.
- . Documents relating to the Construction of Standards of Weights and Measures for the Custom-Houses.
8vo. *New York*, 1835.
- . See SURVEYS: UNITED STATES. United-States Coast Survey.
- Hastings** (Charles). On the Salt Springs of Worcestershire. (Tract.)
8vo. *Worcester*, 1855.
- Hastings** (*Marchioness of*). Catalogue of a select collection of fossils . . . from Hordle Cliff, Hampshire, etc. (Tract.)
8vo. *London*, 1855.
- Haswell** (George C.). On the Silurian Formation in the Pentland Hills.
8vo. *Edinburgh*, 1865.
- Hatchett** (Charles). Analysis of the earthy Substance from New South Wales, called *Sydneyia* or *terra australis*. (Tract.)
4to. *London*, 1799.
- . Analytical Experiments and Observations on Lac. (Tract.)
4to. *London*, 1804.
- . Observations on the Change of some of the Proximate Principles of Vegetables into Bitumen; with analytical Experiments on a peculiar substance which is found with the Bovey Coal. (Tract.)
4to. *London*, 1804.
- . On an artificial Substance which possesses the principal characteristic Properties of Tannin. (Tract.)
4to. *London*, 1805.
- . A third Series of Experiments on an artificial Substance which possesses the principal characteristic Properties of Tannin; with some remarks on coal. (Tract.)
4to. *London*, 1806.
- Hauan** (K.). See KJERULF (Th.).
- Hauer** (Franz von). Die Cephalopoden des Salzkammergutes aus der Sammlung seiner Durchlaucht des Fürsten von Metternich. (Tract.)
4to. *Vienna*, 1846.

- Hauer (Franz von).** Ueber die Cephalopoden des Muschelmarmors von Bleiberg in Kärnthen. (Tract.) 4to. *Vienna*, 1846.
- . Ueber neue Cephalopoden aus den Marmorschichten von Hallstatt und Aussee. (Tract.) 4to. *Vienna*, 1849.
- . Ueber die vom Herrn Bergrath W. Fuchs in den venetianer Alpen gesammelten Fossilien. (Tract.) 4to. *Vienna*, 1850.
- . Der Goldbergbau von Vorospatak in Siebenbürgen. (Tract.) 8vo. *Vienna*, 1851.
- . Ueber den gegenwärtigen Zustand des Museums der k.-k. geologischen Reichsanstalt. (Tract.) 8vo. *Vienna*, 1851.
- . Ueber die geologische Beschaffenheit des Körösthales im östlichen Theile des Bihar Comitates in Ungarn. (Tract.) 8vo. *Vienna*, 1852.
- . Ueber die Gliederung der Trias-, Lias- und Juragebilde in den nordöstlichen Alpen. (Tract.) 4to. *Vienna*, 1853.
- . Beiträge zur Kenntniss der Capricornier der österreichischen Alpen. (Tract.) 8vo. *Vienna*, 1854.
- . Beiträge zur Kenntniss der Heterophyllen der österreichischen Alpen. (Tract.) 8vo. *Vienna*, 1854.
- . Ueber einige unsymmetrische Ammoniten aus den Hierlatz-Schichten. (Tract.) 8vo. *Vienna*, 1854.
- . Allgemeiner Bericht über die geologischen Reichsanstalt im Sommer 1855. (Tract.) 8vo. *Vienna*, 1855.
- . Beiträge zur Kenntniss der Cephalopodenfauna der Hallstätter Schichten. (Tract.) 4to. *Vienna*, 1855.
- . Das Quecksilbervorkommen von Gagliano bei Cividale in der Provinz Udine. (Tract.) 8vo. *Vienna*, 1855.
- . Ueber die Cephalopoden aus dem Lias der nordöstlichen Alpen. (Tract.) 8vo. *Vienna*, 1855.
- . Uebersicht der geologischen Verhältnisse des Erzherzogthums Oesterreich unter der Enns. (Tract.) 8vo. *Vienna*, 1855.
- . Ueber die Cephalopoden aus dem Lias der nordöstlichen Alpen. 4to. *Vienna*, 1856.
- . Ein Beitrag zur Kenntniss der Fauna der Raibler Schichten. (Tract.) 8vo. *Vienna*, 1857.
- . Ein geologischer Durchschnitt der Alpen von Passau bis Duino. (Tract.) 8vo. *Vienna*, 1857.
- . Beiträge zur Paläontographie von Oesterreich. Band I. Ueber die Cephalopoden der Gosauschichten. (Tract.) 4to. *Vienna* and *Olmütz*, 1858.
- . Erläuterungen zu einer geologischen Uebersichtskarte der Schichtgebirge der Lombardie. (Tract.) 8vo. *Vienna*, 1858.
- . Ueber die Eocengebilde im Erzherzogthume Oesterreich und in Salzburg. (Tract.) 8vo. *Vienna*, 1858.
- . Nachträge zur Kenntniss der Cephalopodenfauna der Hallstätter Schichten. (Tract.) 8vo. *Vienna*, 1860.
- . Ueber die Ammoniten aus dem sogenannten Medolo der Berge Domaro und Guglielmo im Val Trompia, Provinz Brescia. (Tract.) 8vo. *Vienna*, 1861.
- . Ueber die Gliederung der oberen Trias der lombardischen Alpen. (Tract.) 8vo. *Vienna*, 1865.

- Hauer** (Franz von). Zur Erinnerung an Wilhelm Haidinger. (Tract.)
2 copies. 8vo. *Vienna*, 1871.
- . Die Geologie und ihre Anwendung auf die Kenntniss der
Bodenbeschaffenheit der österr.-ungar. Monarchie.
8vo. *Vienna*, 1875.
- . See NOVARA EXPEDITION and SURVEYS. AUSTRIA.
- and **Fötterle** (Franz). Geologische Uebersicht der Bergbaue der
österreichischen Monarchie, mit einem Vorworte von Wilhelm Hai-
dinger. 2 copies. 8vo. *Vienna*, 1855.
- . Coup d'œil géologique sur les mines de la monarchie au-
trichienne, avec une introduction par Guillaume Haidinger. Tra-
duit sur l'original allemand par Auguste Marschall. (Tract.)
8vo. *Vienna*, 1855.
- and **Hörnes** (Moriz). Das Buch-Denkmal. Bericht über die Aus-
führung desselben, etc. (Tract.) 8vo. *Vienna*, 1858.
- and **Richtshofen** (Ferd. von). Bericht über die geologische Ueber-
sichts-Aufnahme im nordöstlichen Ungarn im Sommer 1858. (Tract.)
8vo. *Vienna*, 1859.
- and **Stache** (Guido). Geologie Siebenbürgens. 8vo. *Vienna*, 1863.
- Hauer** (Karl von). Ueber die Beschaffenheit der Lava des Aetna von
der Eruption im Jahre 1852. (Tract.) 8vo. *Vienna*, 1853.
- . Ueber ein Vorkommen von Schwefelarsen in den Braunkohlen
von Fohnsdorf in Steiermark. (Tract.) 8vo. *Vienna*, 1853.
- . Ueber die Zusammensetzung einiger Mineralien, mit besonderer
Rücksicht auf ihren Wassergehalt. (Tract.) 8vo. *Vienna*, 1854.
- . Die fossilen Kohlen Oesterreichs. 8vo. *Vienna*, 1865.
- Haughton** (C. E.). See REPORTS, COLONIAL. New Zealand.
- Haughton** (Samuel). On the original and actual fluidity of the Earth
and Planets. (Tract.) 4to. *Dublin*, 1852.
- . On the Iron Ores of Caernarvonshire. (Tract.)
8vo. *Dublin*, 1854.
- . On the Newer Palæozoic Rocks, which border the Menai Straits,
in Carnarvonshire. (Tract.) 8vo. *Dublin*, 1854.
- . Geological and Statistical Notes on Irish Mines. No. II. Lead
Mines of Luganure, county of Wicklow. No. III. Mines of Ken-
mare Valley, county of Kerry. (Tract.) 8vo. *Dublin*, 1855.
- . On the Lower Carboniferous Beds of the Peninsula of Hook,
county of Wexford. (Tract.) 8vo. *Dublin*, 1855.
- . The Solar and Lunar Diurnal Tides on the Coasts of Ireland.
(Tract.) 4to. *Dublin*, 1855.
- . On the Physical Structure of the Old Red Sandstone of the County
of Waterford, considered with relation to cleavage, joint-surfaces,
and faults. (Tract.) 4to. *London*, 1858.
- . Annual Address delivered before the Geological Society of Dublin,
1859. (Tract.) 8vo. *Dublin*, 1859.
- . On some Rocks and Minerals from Central India, including two
new species, Hislopit and Hunterite. (Tract.) 8vo. *London*, 1859.
- . On the Origin of Granite. (Tract.) 8vo. *Dublin*, 1862.
- . Manual of Geology. 8vo. *London*, 1865.
- . Address on the Relation of Food to Work, etc. (Tract.)
8vo. *Dublin*, 1868.

Haughton (Samuel). Six Lectures on Physical Geography.

8vo. *Dublin*, 1880.

——. See **JUKES** (Joseph Beete), and **M'CLINTOCK** (F. L.).

—— and **Hull** (Edward). Report on the Chemical, Mineralogical, and Microscopical Characters of the Lavas of Vesuvius from 1631 to 1868.

4to. *Dublin*, 1876.

—— and **Scott** (Robert H.). The Blowpipe Vade Mecum. The blow-pipe characters of minerals, deduced from the original observations of Aquilla Smith.

8vo. *London*, 1862.

Hausmann (Johann Friedrich Ludwig). Norddeutsche Beiträge zur Berg- und Hüttenkunde. (Tract.)

8vo. *Brunswick*, 1806.

——. Entwurf eines Systems der unorganisirten Naturkörper. (Tract.)

8vo. *Cassel*, 1809.

——. Reise durch Skandinavien in den Jahren 1806 und 1807. 4 vols.

8vo. *Göttingen*, 1811–16.

——. Handbuch der Mineralogie. 3 vols.

8vo. *Göttingen*, 1813.

——. Observationes de Pyrite gilvo, hepatico ac radiato. (Tract.)

4to. *Göttingen*, 1814.

——. Bemerkungen über das blättrige Eisenblau von Bodenmais. (Tract.)

4to. *Munich*, 1816.

——. Commentatio de Apenninorum constitutione geognostica. (Tract.)

4to. *Göttingen*, 1823.

——. Specimen de rei agrariæ et salutariæ fundamento geologico. (Tract.)

4to. *Göttingen*, 1823.

——. Uebersicht der jüngeren Flötzgebilde im Flussgebiete der Weser.

8vo. *Göttingen*, 1824.

——. Handbuch der Mineralogie. Band I. Theil 1 u. 2.

8vo. *Göttingen*, 1828.

——. Band II. Theil 2. System und Geschichte der Mineralkörper.

8vo. *Göttingen*, 1847.

——. De Hispaniæ constitutione geognostica. (Tract.)

4to. *Göttingen*, 1831.

——. De origine saxorum, per Germaniæ septemtrionalis regiones arenosas dispersorum commentatio. (Tract.)

4to. *Göttingen*, 1831.

——. [Beyträge zur Kunde der geognostischen Constitution von Süd-Afrika.] (Tract.)

8vo. *Göttingen*, 1837.

——. [De usu experientiarum metallurgicarum ad disquisitiones geologicas adjuvandas.] (Tract.)

8vo. *Göttingen*, 1837.

——. Commentatio de usu experientiarum metallurgicarum ad disquisitiones geologicas adjuvandas. (Tract.)

4to. *Göttingen*, 1838.

——. [On an Infusorial Earth.] (Tract.)

8vo. *Göttingen*, 1838.

——. De montium Hercyniæ formatione. (Tract.)

8vo. *Göttingen*, 1839.

——. Ueber das Vorkommen des Gypses bei Stadt-Oldendorf. (Tract.)

8vo. *Göttingen*, 1841.

——. Ueber den glasigen Feldspath im Basalte des Hohenhagens zwischen Göttingen und Münden. (Tract.)

8vo. *Göttingen*, 1841.

——. Ueber den Tachylyt vom Säsebühl bei Dransfeld. (Tract.)

8vo. *Göttingen*, 1841.

——. Ueber das Gebirgs-System der Sierra Nevada und das Gebirge von Jaen im südlichen Spanien. (Tract.)

4to. *Göttingen*, 1842.

- Hausmann** (Johann Friedrich Ludwig). Ueber die Bildung des Harzgebirges. (Tract.) 4to. *Göttingen*, 1842.
- . Geologische Bemerkungen über die Gegend von Baden bei Rastadt. (Tract.) 4to. *Göttingen*, 1844.
- . Bemerkungen über Gyps und Karstenit. (Tract.) 4to. *Göttingen*, 1847.
- . Beiträge zur metallurgischen Krystallkunde. (Tract.) 4to. *Göttingen*, 1850.
- . Ein Blick auf die äussere Geschichte der königlichen Gesellschaft der Wissenschaften zu Göttingen in ihrem ersten Jahrhundert. (Tract.) 4to. *Göttingen*, 1851.
- . Bemerkungen über den Zirkonsyenit. (Tract.) 4to. *Göttingen*, 1852.
- . Neue Beiträge zur metallurgischen Krystallkunde. (Tract.) 4to. *Göttingen*, 1852.
- . Beiträge zur Kenntniss krystallinischer Hüttenproducte. (Tract.) 8vo. *Göttingen*, 1856.
- . Bemerkungen über die Umänderungen des Glases. (Tract.) 8vo. *Göttingen*, 1856.
- . Ueber die durch Molekularbewegungen in starren leblosen Körpern bewirkten Formveränderungen. (Tract.) 4to. *Göttingen*, 1856.
- . Ueber einige, durch Molekularbewegungen in starren Körpern bewerkte Formveränderungen, welche an metallurgischen Erzeugnissen wahrgenommen werden. (Tract.) 8vo. *Göttingen*, 1856.
- . Ueber das Vorkommen von Quellengebilden in Begleitung des Basaltes der Werra- und Fulda-Gegenden. (Tract.) 4to. *Göttingen*, 1858.
- . Ueber den Einfluss der Beschaffenheiten der Gesteine auf die Architektur. (Tract.) 8vo. *Göttingen*, 1858.
- . See BUNSEN (R.).
- Haüy** (Réné-Just). Essai d'une théorie sur la structure des Cristaux. 8vo. *Paris*, 1784.
- . Traité de Minéralogie. 4 vols., 8vo; Planches, 4to. *Paris*, 1801.
- . Mémoire sur de nouvelles variétés de chaux carbonatée, avec quelques observations sur les erreurs auxquelles on s'expose en se bornant à l'usage du goniomètre, pour la description des cristaux. (Tract.) 4to. *Paris*, 1802.
- . Traité élémentaire de physique. 2^{me} édition. 2 vols. 8vo. *Paris*, 1806.
- . Tableau comparatif des résultats de la cristallographie et de l'analyse chimique, relativement à la classification des minéraux. 8vo. *Paris*, 1809.
- . Sur les Cymophanes des Etats-Unis. (Tract.) 4to. *Paris*, 1811.
- . Catalogue de la collection minéralogique du Comte de Bournon. Texte et Atlas. 8vo. *London*, 1813.
- . Description d'une nouvelle variété d'Amphibole. (Tract.) 4to. *Paris*, 1815.
- . Mémoire sur une loi de la cristallisation, appelée loi de symétrie, et 1^{re}, 2^{de} et 3^{me} suites du mémoire. (Tracts.) 4to. *Paris*, 1815.
- . Observations sur une substance minérale à laquelle on a donné le nom de Fassaite. (Tract.) 4to. *Paris*, 1817.

- Haüy** (Réné-Just). Sur la vertu magnétique considérée comme moyen de reconnoître la présence du fer dans les minéraux. (Tract.) 4to. *Paris*, 1817.
- . Sur l'électricité produite dans les minéraux à l'aide de la pression. (Tract.) 4to. *Paris*, 1817.
- . Sur l'usage des caractères physiques des minéraux pour la distinction des pierres précieuses qui ont été taillées. (Tract.) 4to. *Paris*, 1817.
- . Traité des caractères physiques des pierres précieuses, pour servir à leur détermination lorsqu'elles ont été taillées. 8vo. *Paris*, 1817.
- . Sur les arrondissemens qu'ont subis les formes d'un grand nombre de cristaux, par des causes accidentelles. (Tract.) 4to. *Paris*, 1818.
- . Mémoire sur la cristallisation et sur les propriétés physiques de l'euclase. (Tract.) 4to. *Paris*, 1819.
- and **Delafosse** (G.). Mémoire sur l'électricité des minéraux. (Tract.) 8vo. *Paris*, 1818.
- Haven** (Charles H.). Views on the Vine-growing Resources of St. Louis and adjacent Counties of Missouri. (Tract.) 8vo. *St. Louis, Mo.*, 1858.
- . The St. Louis Park of Fruits, of one thousand acres. (Tract.) 8vo. *St. Louis, Mo.*, 1864.
- Haviland** (Alfred). Geology in relation to Sanitary Science. (Tract.) 8vo. *London*, 1879.
- Hawes** (George W.). The Rocks of the "Chloritic Formation" on the Western Border of the New Haven Region. (Tract.) 8vo. *New Haven*, 1876.
- . See **HITCHCOCK** (C. H.), and **SURVEYS**: New Hampshire.
- Hawes** (William). On the Cape Colony; its Products and Resources. (Tract.) 8vo. *London*, 1859.
- Hawkins** (B. Waterhouse). On Visual Education as applied to Geology. (Tract.) 8vo. *London*, 1854.
- . See **OWEN** (Richard).
- Hawkins** (Sir Christopher). Observations on the Tin Trade of the Ancients in Cornwall, and on the "Jetis" of Diodorus Siculus. 8vo. *London*, 1811.
- . Observations on the ancient History of St. Michael's Mount. (Tract.) 8vo. *London*, 1811.
- Hawkins** (John). Observations on the Geological Phænomena of the Western Divison of Sussex. (Tract.) 4to.
- Hawkins** (Thomas). Memoirs of Ichthyosauri and Plesiosauri, etc. Fol. *London*, 1834.
- . The Book of the great Sea-Dragons, Ichthyosauri and Plesiosauri, etc. Fol. *London*, 1840.
- . The Wars of Jehovah, in Heaven, Earth, and Hell. 8vo. *London*, 1844.
- . The Drainage of London, and exposition of the part taken therein by T. H. (Tract.) 8vo. *London*, 1847.
- Hawkshaw** (Sir John). Address as President of the Institution of Civil Engineers, 1861-62. (Tract.) 8vo. *London*, 1862.
- . Report [on the] Suez Canal. Fol. *London*, 1863.
- . Brazilian Harbours. Reports, 1875. 4to. *London*, 1875.

- Hawle** (Ignaz) and **Corda** (A. J. C.). *Prodrom einer Monographie der böhmischen Trilobiten.* 4to. *Prague*, 1847.
- Hawn** (F.). See **SWALLOW** (G. C.).
- Hayden** (F. V.). *Geological Sketch of the estuary and freshwater Deposit forming the Bad Lands of Judith River.* (Tract.) 2 copies. 4to. *Philadelphia*, 1859.
- See also **LEIDY** (Joseph).
- . *Some Remarks in regard to the Period of Elevation of those Ranges of the Rocky Mountains near the sources of the Missouri river and its tributaries.* (Tract.) 8vo. *New Haven*, 1862.
- . *Sun Pictures of Rocky Mountain Scenery, with a description of the geographical and geological features, and some account of the resources of the Great West.* 4to. *New York*, 1870.
- . *The Hot Springs and Geysers of the Yellowstone and Firehole Rivers.* (Tract.) 8vo. *New Haven*, 1872.
- . *Notes on the Lignitic Formations of Colorado and Wyoming.* (Tract.) 8vo. *Washington*, 1876.
- See also **LESQUEREUX** (Leo).
- . *Summary of the Field Work of the Hayden Geological Survey during the season of 1875.* (Tract.) 8vo. *Washington*, 1876.
- . *The Yellowstone National Park, illustrated by chromolithographic reproductions of water-color sketches by Thomas Moran.* Fol. *Boston*, 1876.
- . *The Great West: its Attractions and Resources. Containing a popular description of the marvellous scenery, physical geography, fossils, and glaciers of the wonderful region; and the recent explorations in the Yellowstone Park, "The Wonderland of America."* 8vo. *Philadelphia*, 1880.
- . See **MEEK** (F. B.), **YELLOWSTONE PARK, and SURVEYS: UNITED STATES, and U.S. SURV. OF TERR.**
- Hayden** (Horace H.). *Geological Essays, or an Inquiry into some of the Geological Phenomena to be found in various Parts of America and elsewhere.* 8vo. *Baltimore*, 1820.
- Hayes** (A. A.). See **JACKSON** (Charles T.).
- Hayes** (George E.). *Remarks on the Geology and Topography of Western New York.* (Tract.) 8vo. *New Haven*, 1838.
- Hays** (Isaac). *Description of a fragment of the head of a new fossil Animal, discovered in a Marl-pit near Moorestown, New Jersey* (Tract.) 4to. *Philadelphia*, 1830.
- . *Description of the inferior maxillary bones of Mastodons in the Cabinet of the American Philosophical Society, etc.* (Tract.) 4to. *Philadelphia*, 1833.
- Headrick** (James). *View of the Mineralogy, Agriculture, Manufactures, and Fisheries of the Island of Arran.* 8vo. *Edinburgh*, 1807.
- Heaphy** (Charles). *On the Coromandel Gold-diggings in New Zealand.* (Tract.) 8vo. *London*, 1854.
- . *On the Gold-bearing District of Coromandel Harbour, New Zealand.* (Tract.) 8vo. *London*, 1854.
- Heathcote** (—). *Collieries of Staffordshire and Warwickshire.* (Tract.) 8vo. *Warwick*, no date.

- Heatherington (A.).** A practical Guide for Tourists, Miners, and Investors, and all Persons interested in the Development of the Gold-fields of Nova Scotia. 2 copies. 8vo. *Montreal*, 1868.
- . The Gold Yield of Nova Scotia. 8vo. *London*, 1873
- . The Mining Industries of Nova Scotia, comprising a review of the gold yield from the first working of the gold mines in 1860, to the close of the year 1873, 9th year. (Tract.) 8vo. *Halifax, N. S.*, 1874.
- . The Gold Yield of Nova Scotia, 1861–75. Annual Statistical Exhibit, 11th year. (Tract.) 8vo. *Halifax, N. S.*, 1876.
- Heathfield (Richard).** See GAMBOA (Francisco Xavier de).
- Hébert (Edmond).** Note sur des fossiles du Crag recueillis au Bosc d'Aubigny, Manche. (Tract.) 8vo. *Paris*, 1849.
- . Note sur l'âge des sables blancs et des marnes à *Physa gigantea* de Rilly. (Tract.) 8vo. *Paris*, 1853.
- . Note sur le synchronisme du calcaire pisolitique des environs de Paris et de la craie supérieure de Maestricht. (Tract.) 8vo. *Brussels*, 1853.
- . (Sur la détermination des fossiles recueillis à Marlinne, dans le système heersien de M. Dumont.) (Tract.) 8vo. *Brussels*, 1853.
- . Terrain jurassique de la Moselle. Position que doivent occuper dans la série liasique, les grès d'Hettange et de Luxembourg. Abstract. (Tract.) 8vo. *Paris*, 1853.
- . Note sur le terrain jurassique du bord occidental du bassin parisien. (Tract.) 8vo. *Paris*, 1854.
- . Note sur une nouvelle espèce de Cirrhipède fossile (*Scalpellum Darwini*, Héb.) (Tract.) 8vo. *Paris*, 1854.
- . Observations sur l'argile plastique et les assises qui l'accompagnent dans la partie méridionale du bassin de Paris, etc. (Tract.) 8vo. *Paris*, 1854.
- . Sur une nouvelle extension, dans le bassin de Paris, des marnes lacustres et des sables de Rilly. (Tract.) 8vo. *Paris*, 1854.
- . Recherches sur les oscillations du sol de la France septentrionale, pendant la période jurassique. (Tract.) 4to. *Paris*, 1856.
- . Sur la constitution géologique et sur la classification des terrains paléozoïques de l'Ardenne française et du Hainaut. (Tract.) 8vo. *Paris*, 1856.
- . Cours de géologie—Faculté des Sciences. La Géologie; son objet; son utilité générale; sa méthode. (Tract.) 8vo. *Paris*, 1857.
- . Les mers anciennes et leurs rivages dans le bassin de Paris, ou classification des terrains par les oscillations du sol. 1^{re} partie. Terrain Jurassique. (Tract.) 2 copies. 8vo. *Paris*, 1857.
- . Note sur la craie glauconieuse de Rouen, et les grès verts du Maine. (Tract.) 8vo. *Paris*, 1857.
- . Note sur ses titres scientifiques et universitaires, etc. (Tract.) 8vo. *Paris*, 1857
- . Recherches sur la faune des premiers sédiments tertiaires parisiens. Mammifères pachydermes du genre *Coryphodon*. (Tract.) 8vo. *Paris*, 1857
- . Recherches sur les mammifères pachydermes du genre *Coryphodon*. Extrait. (Tract.) 4to. *Paris*, 1857

- Hébert** (Edmond). Note sur les caractères paléontologiques de la craie de Meudon. (Tract.) 8vo. *Paris*, 1858.
- . Rapport sur les mémoires de géologie contenus dans le 2^e volume des Mémoires de la Société d'émulation du département du Doubs (3^e série), 1857. (Tract.) 8vo. *Paris*, 1858-59.
- . Note sur la limite inférieure du lias et sur la composition du trias du Gard et de l'Hérault. (Tract.) 8vo. *Paris*, 1859.
- . Observations sur les phénomènes qui se sont passés à la séparation des périodes géologiques. (Tract.) 8vo. *Paris*, 1859.
- . Rapport sur les mémoires de géologie publiés dans le tome VIII. des 'Annales de la Société Impériale d'Agriculture de Lyon.' (Tract.) 8vo. *Paris*, 1859.
- . Rapports faits à la section des Sciences du Comité des Sociétés savantes. (Tract.) 8vo. *Paris*, 1859.
- . Réponse à la note de M. Ch. d'Orbigny, intitulée : Sur l'âge véritable des poudingues de Nemours et des sables coquilliers d'Ormoy. (Tract.) 8vo. *Paris*, 1859.
- . [Compte rendu des] 'Annales de la Société d'Agriculture, Sciences, Arts, et Commerce du Puy,' tome XX. 1855-56. (Tract.) 8vo. *Paris*, 1860.
- . Du terrain jurassique supérieur sur les côtes de la Manche. 8vo. *Paris*, 1860.
- . Gisement des couches marines de Sinceny (Aisne). (Tract.) 8vo. *Paris*, 1860.
- . Note sur la position de la couche marine d'Ormoy. (Tract.) 8vo. *Paris*, 1860.
- . Note sur le travertin de Champigny et sur les couches entre lesquelles il est compris. (Tract.) 8vo. *Paris*, 1860.
- . Rapport sur la partie géologique et minéralogique du Voyage de MM. Grandidier dans l'Amérique méridionale. (Tract.) 8vo. *Paris*, 1860.
- . Du terrain jurassique de la Provence ; sa division en étages ; son indépendance des calcaires dolomitiques associés aux gypses. (Tract.) 8vo. *Paris*, 1861.
- . Note sur les Trigonies clavellées de l'Oxford-clay, et du Coralrag, suivi de la description des fossiles du corallien supérieur de Glos, par le Dr. Zittel et Em. Goubert. (Tract.) 8vo. *Paris*, 1861.
- . Observations sur les rivages de la mer jurassique à l'époque de la grande oolite dans les bassins méditerranéen, jurassique et parisien. (Tract.) 8vo. *Paris*, 1861.
- . Quelques remarques sur la mer jurassique et les théories imaginées pour rendre compte de ses déplacements. (Tract.) 8vo. *Paris*, 1861.
- . Mémoire sur les formations d'eau douce du bassin de Paris, et en particulier sur les calcaires lacustres à *Lophiodon* de Provins et leur extension dans la Beauce. (Tract.) 8vo. *Paris*, 1862.
- . Observations sur les systèmes Bruxellien et Laekénien de Dumont, et sur leur position dans la série parisienne, etc. (Tract.) 8vo. *Paris*, 1862.
- . Sur l'argile à silex, les sables marins tertiaires et les calcaires d'eau douce du nord-ouest de la France. (Tract.) 8vo. *Paris*, 1862.

- Hébert (Edmond). Note sur la craie blanche et la craie marneuse dans le bassin de Paris, et sur la division de ce dernier étage en quatre assises. (Tract.) 8vo. Paris, 1863.
- Observations géologiques sur quelques points du département de l'Yonne. (Tract.) 8vo. Paris, 1863.
- Observations sur l'existence de l'homme pendant la période quaternaire. (Tract.) 4to. Paris, 1863.
- Sur le non-synchronisme des étages Campanien et Dordonnien de M. Coquand avec la craie de Meudon et celle de Maestricht. (Tract.) 8vo. Paris, 1863.
- Observations sur les principaux éléments du terrain quaternaire, sur les théories proposées pour en expliquer la formation, et sur l'âge de l'argile à silex. (Tract.) 8vo. Paris, 1863-64.
- Observations sur la craie inférieure des environs de Rochefort. (Tract.) 8vo. Paris, 1864.
- Sur la craie glauconieuse du nord-ouest du bassin de Paris. (Tract.) 8vo. Paris, 1864.
- Etude sur un groupe d'Hémiasters, comprenant *Hemiaster Verneuli*, Desor, *H. Leymerii*, Desor, *H. similis*, d'Orb., *H. Fourneli*, Desh., *H. d'Orbignyianus*, Desor. (Tract.) 8vo. Paris, 1865.
- Sur le groupe de Bélemnites auquel de Blainville et d'Orbigny ont donné le nom de *B. brevis*. (Tract.) 8vo. Paris, 1865.
- Les oscillations de l'écorce terrestre pendant les périodes quaternaire et moderne. (Tract.) 8vo. Auxerre, 1866.
- Note sur le terrain jurassique du Boulonnais. (Tract.) 8vo. Paris, 1866.
- Note sur le terrain nummulitique de l'Italie septentrionale et des Alpes, et sur l'oligocène d'Allemagne. (Tract.) 8vo. Paris, 1866.
- Observations sur les calcaires à *Terebratula diphya* du Dauphiné, et en particulier sur les fossiles des calcaires de la Porte-de-France, Grenoble. (Tract.) 8vo. Paris, 1866.
- Sur le terrain nummulitique de l'Italie septentrionale et des Alpes. (Tract.) 4to. Paris, 1866.
- Deuxième note sur les calcaires à *Terebratula diphya* de la Porte-de-France. (Tract.) 8vo. Paris, 1867.
- Le terrain crétacé des Pyrénées. (Tract.) 8vo. Paris, 1867.
- Sur les calcaires à *Terebratula diphya* de la Porte-de-France, à Grenoble. (Tract.) 4to. Paris, 1867.
- Classification des assises néocomiennes. Réponse aux critiques de M. Coquand. (Tract.) 8vo. Paris, 1868.
- Observations sur le mémoire de M. Pictet intitulé: Etude provisoire des fossiles de la Porte-de-France, d'Aizy et de Lemenc. (Tract.) 8vo. Paris, 1868.
- Sur les couches comprises, dans le midi de la France, entre les calcaires Oxfordiens et le néocomien marneux à *Belemnites dilatatus*, en réponse à M. Coquand. (Tract.) 8vo. Paris, 1868.
- Observation sur les caractères de la faune des calcaires de Stramberg (Moravie), et en général sur l'âge des couches comprises sous la désignation d'*Etage tithonique*. (Tract.) 8vo. Paris, 1869.
- Observations sur les couches inférieures de l'infra-lias du midi de la France. (Tract.) 8vo. Paris, 1869.

- Hébert (Edmond).** Notice des travaux scientifiques. (Tract.)
4to. Paris, 1869.
- . Recherches sur la craie du nord de l'Europe. (Tract.)
4to. Paris, 1869.
- . Recherches sur l'âge des grès à combustibles d'Helsingborg et d'Höganäs (Suède méridionale), suivies de quelques aperçus sur les grès de Hör. (Tract.)
8vo. Paris, 1869.
- . Réponse à MM. Marcou et Chaper à propos de la discussion sur l'âge des calcaires à *Terebratula diphya* de la Porte-de-France. (Tract.)
8vo. Paris, 1869.
- . Examen de quelques points de la géologie de la France méridionale. (Tract.)
8vo. Paris, 1870.
- . Note sur les grès infraliasiques de Scanie, Suède. (Tract.)
8vo. Paris, 1870.
- . Le néocomien inférieur dans le midi de la France (Drôme et Basses-Alpes.) (Tract.)
8vo. Paris, 1871.
- . Documents relatifs au terrain crétacé du midi de la France. 2^{me} partie. (Tract.)
8vo. Paris, 1872.
- . L'étage tithonique et la nouvelle école allemande. (Tract.)
4to. Paris, 1872.
- . Observations relatives au résumé présenté par M. H. Magnan, de son travail sur la partie inférieure du terrain crétacé des Pyrénées. (Tract.)
8vo. Paris, 1872.
- . Ondulations de la craie dans le bassin de Paris. (Tract.)
8vo. Paris, 1872-73.
- . Allocution présidentielle [à la Société géologique de France], Avril, 1873. (Tract.)
8vo. Paris, 1873.
- . Comparaison de l'éocène inférieur de la Belgique et de l'Angleterre avec celui du bassin de Paris. (Tract.)
8vo. Paris, 1873.
- . Nouveaux documents relatifs à l'étage tithonique et à la zone à *Ammonites polyplocus*. (Tract.)
8vo. Paris, 1873.
- . Age relatif des calcaires à *Terebratula moravica* et du *Diphya*-kalk, ou calcaire à *T. janitor* et *T. diphya*. (Tract.)
8vo. Paris, 1874.
- . Comparaison de la Craie des côtes d'Angleterre avec celle de France. (Tract.)
8vo. Paris, 1874.
- . Rectifications et additions au mémoire de MM. Hébert et Toucas sur la géologie du bassin d'Uchaux. (Tract.)
8vo. Paris, 1874.
- . Classification du terrain crétacé supérieur. (Tract.)
8vo. Paris, 1875.
- . Description de deux espèces d'*Hemipneustes* de la craie supérieure des Pyrénées. (Tract.)
8vo. Paris, 1875.
- . Observations sur le travail de M. Pillet relatif à la colline de Lémenc. (Tract.)
8vo. Paris, 1875.
- . Ondulations de la craie du nord de la France. Troisième partie, et sommaire. (Tracts.)
8vo. Meulan, 1875-76.
- . La craie de Crimée comparée à celle de Meudon et à celle de l'Aquitaine. (Tract.)
8vo. Paris, 1876.
- . Sur la position exacte de la zone à *Heterodiadema libycum*. (Tract.)
8vo. Paris, 1876.
- . Notice sur ses travaux scientifiques. (Tract.)
4to. Paris, 1877.

- Hébert** (Edmond). *Recherches sur les terrains tertiaires de l'Europe méridionale.* (Tract.) 4to. *Paris*, 1877.
- . *Sur la craie supérieure des Pyrénées.* Réponse à M. Leymerie. (Tract.) 8vo. *Paris*, 1877.
- . *Quelques remarques sur les gisements de la Terebratula janitor.* (Tract.) 8vo. *Paris*, 1878.
- . *Notice sur Paul Dalimier, vice-secrétaire de la Société géologique de France.* (Tract.) 8vo. *Paris*, 1864.
- . See **RENEVIER** (E.) and **ZITTEL** (Karl).
- and **Eudes-Deslongchamps** (Eugène). *Mémoire sur les fossiles de Montreuil-Bellay, Maine-et-Loire.* (Tract.) 8vo. *Paris and Caen*, 1860.
- and **Munier-Chalmas** (—). *Réponse aux observations de M. de Loriol.* (Tract.) 8vo. *Paris*, 1875.
- —. *Terrains tertiaires de la Hongrie.* (Tract.) 4to. *Paris*, 1877.
- —. *Nouvelles recherches sur les terrains tertiaires du Vicentin.* (Tracts.) 4to. *Paris*, 1878.
- and **Renévier** (E.). *Description des fossiles du terrain nummulitique supérieur des environs de Gap, des Diablerets et de quelques localités de la Savoie.* (Tract.) 8vo. *Grenoble*, 1854.
- Hector** (James). *On the Geology of the Country between Lake Superior and the Pacific Ocean.* (Tract.) 8vo. *London*, 1861.
- . *First General Report on the Coal Deposits of New Zealand.* (Geological Survey.) (Tract.) 8vo. *New Zealand*, 1866.
- . See **REPORTS, COLONIAL.** *New Zealand.*
- and **Vaux** (W. S. W.). *Notice of the Indians seen by the Exploring Expedition under the command of Captain Palliser.* (Tract.) 8vo. (*Edinburgh?*), 1861.
- Hedinger** (J. M.). *A short Description of Castleton, in Derbyshire; its natural curiosities and mineral productions.* 9th edition. (Tract.) 8vo. *Derby*, no date.
- Hedley** (John). See **REPORTS, PARLIAMENTARY.** *Mines.*
- Heelis** (—). *On a Fog in the Mediterranean.* (Tract.) 8vo. ... 1863?
- Heer** (Oswald). *Die Insektenfauna der Tertiärgebilde von Oeningen und von Radoboj in Croatien.* 4to. *Leipzig*, 1847.
- . *Beschreibung der angeführten Pflanzen und Insekten [der Vorarlberger Kalkalpen].* (Tract.) 4to. *Geneva*, 1853.
- . *Uebersicht der Tertiärflora der Schweiz.* (Tract.) 2 copies. 8vo. *Zurich*, 1853.
- . *Flora tertiaria Helvetiæ.* 4to. *Winterthur*, 1855–59.
- . *Lettre à Sir Charles Lyell [Sur les plantes fossiles de la Suisse].* Traduite par C. T. Gaudin. (Tract.) 8vo. *Lausanne*, 1856.
- . *Die Schieferkohlen von Utznach und Dürnten.* (Tract.) 8vo. *Zurich*, 1858.
- . *Les charbons feuilletés de Dürnten et d'Utnach,* Traduit par Charles Th. Gaudin. (Tract.) 8vo. *Geneva*, 1858.
- . *Beiträge zur nähern Kenntniss der sächsisch-thüringischen Braunkohlen-Flora; nebst einem Anhang über einige siebenbürgische Tertiärpflanzen von C. J. Andrae.* (Tract.) 4to. *Berlin*, 1861.

- Heer** (Oswald). *Recherches sur le climat et la végétation du pays tertiaire.* Traduction de C. T. Gaudin. 4to. *Winterthur, Geneva, and Paris*, 1861.
- . Ueber die von Dr. Lyell in Grönland entdeckten fossilen Pflanzen. (Tract.) 8vo. *Zurich*, 1862.
- . Die Pflanzen der Pfahlbauten. (Tract.) 4to. *Zurich*, 1865.
- . Die Urwelt der Schweiz. 2 copies. 8vo. *Zurich*, 1865.
- . Le monde primitif de la Suisse. Traduite de l'allemand par Isaac Demole. 8vo. *Geneva and Basle*, 1872.
- . The Primæval World of Switzerland. Edited by James Heywood. 2 vols. 8vo. *London*, 1876.
- . Fossile Hymenopteren aus Oeningen und Radoboj. (Tract.) 4to. *Zurich*, 1867.
- . Flora fossilis Arctica. Die fossile Flora der Polarländer. Vols. I.–V. (Vol. III., wanting title-page, in duplicate.) 4to. *Zurich*, 1868–1878.
- . Beiträge zur Naturkunde Preussens. (2) Miocene baltische Flora. 4to. *Königsberg*, 1869.
- . Ueber die Braunkohlenpflanzen von Börnstadt. (Tract.) 4to. *Halle*, 1869.
- . Die miocene Flora und Fauna Spitzbergens. 4to. *Stockholm*, 1870.
- . Anmärkningar öfver de af svenska Polarexpeditionen 1872–73 upptäckte fossila växter. (Tract.) 8vo. *Stockholm*, 1874.
- . Beiträge zur Steinkohlen-Flora der arctischen Zone. 4to. *Stockholm*, 1874.
- . Ueber fossile Pflanzen von Sumatra. (Schw. paläont. Gesellschaft.) 4to. *Basle and Geneva*, 1875–18 . . .
- . Flora fossilis Helvetiæ. Die vorweltliche Flora der Schweiz. 1te Lieferung. Die Steinkohlenflora. (Tract.) 4to. *Zurich*, 1876.
- . Ueber fossile Früchte der Oase Chargeh. (Tract.) 4to. *Zurich*, 1876.
- . Ueber die Aufgaben der Phyto-Paläontologie. (Tract.) 8vo. 1879.
- . See CAPELLINI (Giovanni), and PENGELLY (William).
- and **Escher von der Linth** (A.) Zwei geologische Vorträge: 1. Ueber die Lias-Insel im Aargau. 2. Ueber die Gegend von Zürich in der letzten Periode der Vorwelt. (Tract.) 4to. *Zurich*, 1852.
- Hehl** (—). Die geognostischen Verhältnisse Württembergs. 12mo. *Stuttgart*, 1850.
- Heim** (Albert). Untersuchungen über den Mechanismus der Gebirgsbildung im Anschluss an die geologische Monographie der Tödiwindgällen-Gruppe. 2 vols. and Atlas. 4to. *Basle*, 1878.
- . Ueber die Verwitterung im Gebirge. (Tract.) 8vo. *Basle*, 1879.
- Heim** (Johann Ludwig). Kurze Uebersicht des Thüringerwaldes, etc. 3 vols. 8vo. *Meiningen*, 1796–1812.
- Helfer** (John William). Amherst Town, in the Tenasserim Provinces. Fol. *Calcutta*, 1837.
- . Second Report. The provinces of Ye, Tavoy, and Mergue on the Tenasserim coast. (Tract.) Fol. *Calcutta*, 1839.

- Helfer** (John William). Fourth Report on the Tenasserim Provinces considered as a resort for Europeans. (Tract.) 8vo. *Calcutta*, 1840?
- Helfrecht** (I. Th. B.) Das Fichtel-Gebirge, nach vielen Reisen auf demselben. 2 vols. 2 copies. 8vo. *Hoff*, 1799–1800.
- Helland** (Amund). Ertsforekomster i Sondhordland og paa Karmoen. (Tract.) 8vo. *Christiania*, 1871.
- . Forekomster af Kise i visse skifere i Norge. Udgivit ved E. B. Münster. 4to. *Christiania*, 1873.
- Heller** (Camil). Untersuchungen über die Litoralfauna des adriatischen Meeres. (Tract.) 8vo. *Vienna*, 1862.
- . Die Zoophyten und Echinodermen des adriatischen Meeres. [Beilage der zool.-botan. Gesellschaft in Wien.] 8vo. *Vienna*, 1868.
- Hellwald** (— de). Report on the Results of the Photographic Expedition into the "Hohen Tauern" (Austrian Alps). (Tract.) 8vo. *Vienna*, 1863.
- Helmersen** (Gregor von). Biographical notice. See KÖPPEN (A.).
- . Reise nach dem Ural und der Kirgisensteppe in den Jahren 1833 und 1835. (Beiträge zur Kenntniss des russischen Reichs, etc., von K. E. von Baer und Gr. von Helmersen; 6tes Bändchen.) (Tract.) 8vo. *St. Petersburg*, 1843.
- . Ueber die geognostische Beschaffenheit des Ustürt und insbesondere dessen östlichen Abfalles zum Aral-See. (Tract.) 8vo. *St. Petersburg*, 1845.
- . *Aulosteges variabilis*, ein neuer Brachiopode mit artikulirtem Schlosse, aus dem Zechstein Russlands. (Tract.) 8vo. *St. Petersburg*, 1847.
- . Nachrichten über die im J. 1847, von der russischen geographischen Gesellschaft ausgesandte Expedition zur Erforschung des nördlichen Ural. (Tract.) 8vo. *St. Petersburg*, 1847.
- . Herrn von Middendorff's geognostische Beobachtungen auf seiner Reise durch Sibirien. (Tract.) 4to. *St. Petersburg*, 1848.
- . Versuche die relative Wärmeleitungsfähigkeit einiger Felsarten zu ermitteln. Extract. (Tract.) 8vo. *St. Petersburg*, 1852.
- . Ueber das langsame Emporsteigen der Ufer des baltischen Meeres und die Wirkung der Wellen und des Eises auf dieselben. (Tract.) 8vo. *St. Petersburg*, 1855.
- . Ueber die Bohrarbeiten auf Steinkohle bei Moskau und Sserpu-chow. (Tract.) 8vo. *St. Petersburg*, 1857.
- . Geologische Bemerkungen auf einer Reise in Schweden und Norwegen. (Tract.) 4to. *St. Petersburg*, 1858.
- . Ueber artesische Brunnen in Russland. (Tract.) 8vo. *St. Petersburg*, 1858.
- . Die Salzseen Bessarabiens und der Einbruch des schwarzen Meeres in dieselben im Jahre 1850. (Tract.) 8vo. *St. Petersburg*, 1859.
- . Beschreibung einiger Massen gediegenen Kupfers, die aus russischen Bergwerken herkommen, etc. (Tract.) 8vo. *St. Petersburg*, 1860.
- . Das Olonezer Bergrevier, geologisch untersucht in den Jahren 1856, 1857, 1858, und 1859. (Tract.) 4to. *St. Petersburg*, 1860.

- Helmersen** (Gregor von). Die geologische Beschaffenheit des untern Narovathals und die Versandung der Narovamündung. (Tract.)
8vo. *St. Petersburg*, 1860.
- . Die in Angriff genommenen Steinkohlenlager des Gouvernements Tula. (Tract.)
4to. *St. Petersburg*, 1860.
- . Noch ein Wort über die Tulaer Steinkohle. (Tract.)
8vo. *St. Petersburg*, 1861.
- . Die Alexandersäule zu St. Petersburg. (Tract.) 2 copies.
8vo. *St. Petersburg*, 1863.
- . Der artesische Brunnen zu St. Petersburg. (Tract.)
8vo. *St. Petersburg*, 1864.
- . Die Geologie in Russland. (Tract.) 2 copies.
8vo. *St. Petersburg*, 1864.
- . Der Peipussee und die obere Narova. (Tract.)
8vo. *St. Petersburg*, 1864.
- . Das Donezer Steinkohlengebirge und dessen industrielle Zukunft. (Tract.)
8vo. *St. Petersburg*, 1865.
- . Explications de la carte géologique de la Russie. (Tract.)
8vo. *St. Petersburg*, 1865.
- . Ueber die geologischen und physikalischen Verhältnisse St. Petersburgs. (Tract.)
8vo. *St. Petersburg*, 1865.
- . Des gisements de charbon de terre en Russie. (Tract.)
8vo. *St. Petersburg*, 1866.
- . Die Steinkohlenformation des Urals und deren praktische Bedeutung. (Tract.)
8vo. *St. Petersburg*, 1866.
- . Ueber Herrn Eichwalds Bemerkungen zu den geologischen Karten Russlands. (Tract.)
8vo. *Moscow*, 1866.
- . Bericht über eine Arbeit von Hrn. Goebel: Untersuchungen über den einst an der lappländischen Küste stattgefundenen Bergbau. (Tract.)
8vo. *St. Petersburg*, 1867.
- . Das Vorkommen und die Entstehung der Riesenkessel in Finnland. (Tract.)
4to. *St. Petersburg*, 1867.
- . Die Bohrversuche zur Entdeckung von Steinkohlen auf der Samarahalbinsel, und die Naphthaquellen und Schlamm-Vulkane bei Kertsch und Taman. (Tract.)
8vo. *St. Petersburg*, 1867.
- . Die Steinkohlen des mittleren Russlands, ihre Bedeutung und ihre Zukunft. (Tract.)
8vo. *St. Petersburg*, 1867.
- . [Ueber die 'Beitrag zur Geschichte der Geognosie und Paläontologie in Russland' von Herrn Eichwald.] (Tract.)
8vo. *Moscow*, 1867.
- . Zur Frage über das behauptete Seichterwerden des Asow'schen Meeres. (Tract.)
8vo. *St. Petersburg*, 1867.
- . Ueber devonische Steinkohle in Malöwka. (Tract.)
8vo. *St. Petersburg*, 1868.
- . Studien über die Wanderblöcke und die Diluvialgebilde Russlands. (Tract.)
4to. *St. Petersburg*, 1869.
- . Ueber die Braunkohlenlager bei Smela im Gouvernement Kijew und bei Jelisawetgrad im Gouvernement Cherson. (Tract.)
8vo. *St. Petersburg*, 1869.

- Helmersen** (Gregor von). Notiz über die Berge Ak-tau und Kara-tau auf der Halbinsel Mangyschlag, am Ostufer des kaspischen Meeres. (Tract.) 8vo. *St. Petersburg*, 1870.
- . Zur Steinkohlenangelegenheit in Russland. 2ter Artikel. (Tract.) Newspaper cutting. *St. Petersburg*, 1870
- . Sir Roderick Impey Murchison. (Tract.) 8vo. *St. Petersburg*, 1872.
- . Chiwa. (Tract.) 8vo. *St. Petersburg*?, 1873.
- . Einige Erwägungen über die Bedeutung der Steinkohlen-Industrie in Russland. (Tract.) 4to. *Vienna*, 1875.
- . Zur Frage über die centralrussische Steinkohle. (Tract.) 8vo. *St. Petersburg*, 1879.
- . See BAER (C. E. von), BRANDT (J. F.), HOFMANN (E.), and NÖSCHEL (A.).
- and Wild (H.). De la diminution de l'eau des rivières et des fleuves. (Tract.) 4to. *St. Petersburg*, 1876.
- Helms** (Antoine Zacharie). Voyage dans l'Amérique méridionale, commençant par Buénos-Ayres et Potosi jusqu'à Lima. Traduit de l'anglais. 8vo. *Paris*, 1815.
- Helwing** (Georg Andreas). Lithographia Angerburgica, sive lapidum et fossilium, in districtu Angerburgensi et ejus vicinia, etc. Sm. 4to. *Königsberg*, 1717.
- Hemans** (George Willoughby) and **Hassard** (Richard). On the Future Water-supply. (Tract.) 2 copies. 8vo. *London*, 1866.
- Hemming** (John). The History and Chemical Analysis of the Mineral Water lately discovered in the City of Gloucester, etc. (Tract.) 8vo. *London*, 1789.
- Hemsö** (Jacopo Gråberg da). Cenni sull' agricoltura e l'industria dell' Africa francese, etc. (Tract.) 8vo. *Florence*, 1847.
- . Cenni storici iponomici e statistici sulla miniera de rame detta la cava di Caporciano presso Montecatini nella valle di Cecina. (Tract.) 8vo. *Florence*, 1847.
- Henfrey** (Arthur). Reports and Papers on Botany. (Ray Society.) 8vo. *London*, 1849.
- . See BRAUN (A.), GRIFFITH (J. W.), NÄGELI (Carl), and SERIALS, ETC.: LONDON. Ray Society.
- Henkel** (Johann Friedrich). Idea generalis de lapidum origine per observationes experimenta et consectaria succincte adumbrata. (Tract.) 2 copies. 8vo. *Dresden and Leipzig*, 1734.
- Hennah** (Richard). A succinct account of the lime-rocks of Plymouth. 8vo. *Plymouth and London*, no date.
- Hennessy** (Henry). Abstract of Papers read before the Geological Society of Dublin. (Tract.) 8vo. *Dublin*, 1849?
- . Researches in Terrestrial Physics. (Tract.) 4to. *London*, 1851.
- . Notes on Meteorology. (Tract.) 8vo. *Dublin*, 1856.
- . On the Influence of the Earth's Internal Structure on the Length of the Day. (Tract.) 8vo. *London*, 1856.
- . On the Physical Structure of the Earth. (Tract.) 8vo. *London*, 1858.
- . On the Thickness and Structure of the Earth's Crust. (Tract.) 8vo. *London*, 1859.

- Hennessy (Henry).** Terrestrial Climate as influenced by the Distribution of Land and Water at different geological Epochs. (Tract.)
8vo. *Dublin*, 1859.
- . Note on the Laws which regulate the Distribution of Isothermal Lines. (Tract.)
8vo. *Dublin*, 1859.
- . The Relations of Science to Modern Civilization. (Tract.)
8vo. *Leeds*, 1862.
- . On the Floatation of Sand by the rising Tide in a tidal Estuary. (Tract.)
8vo. *Dublin*, 1871.
- Henrich (F.).** Vorträge über Geologie. Heft 1–3.
8vo. *Wiesbaden*, 1877–78.
- Henry (James).** Æneidea, or critical, exegetical, and æsthetical remarks on the Æneis. Vol. I. and portion of vol. II.
8vo. *London, Edinburgh, and Dublin*, 1873–78.
- Henry (Joseph).** Sketch of *his* life and contributions to science. (Tract.)
8vo. *Washington*, 1879.
- . Meteorology in its connection with Agriculture. (Tract.)
8vo. *Washington*, 1858.
- . Thoughts on Education. (Tract.)
8vo.
- Henry (William).** Analysis of several Varieties of British and foreign Salt. (Tract.)
4to. *London*, 1810.
- . The Elements of Experimental Chemistry. 6th edition. 2 vols.
8vo. *London*, 1810.
- . An Estimate of the Philosophical Character of Dr. Priestley. (Tract.)
8vo. *New York*, 1832.
- Henslow (George).** Genesis and Geology
8vo. *London*, 1871.
- Henslow (John Stevens).** Biographical notice. See JENYNS (Leonard).
- . Geological Description of Anglesea. (Tract.)
4to. *Cambridge*, 1822.
- . A syllabus of a course of lectures on mineralogy.
8vo. *Cambridge*, 1823.
- . On the examination of a hybrid *Digitalis*. (Tract.)
4to. *Cambridge*, 1831.
- . Catalogue of *his* valuable and extensive collections of natural history and miscellaneous articles. (Tract.)
8vo. *London*, 1861.
- Hentz (Nicholas Marcellus).** Spiders of the United States. (Occasional papers of the Boston Society of Natural History, No. II.)
8vo. *Boston*, 1875.
- Henwood (George).** Four Lectures on Geology and Mining.
8vo. *London*, 1855.
- Henwood (William Jory).** A Lecture on the Phenomena of Metalliferous Veins.
Newspaper extract. *Truro*, 1836.
- . Notice of the Sulphate of Barytes found at Wheal Mary-Ann, in Menheniot. (Tract.)
8vo. *Truro*, 1851.
- . Notice of the Rock-basins at Deo (Devi) Dhoora, near Almorah in Upper India. (Tract.)
8vo. *Truro*, 1856.
- . Notes on Subterranean Temperature observed in Chili. (Tract.)
8vo. *Truro*, 1857.
- . Note on Changes produced by the Deepening and Extension of Mines in the Temperatures at their previous Bottoms. (Tract.)
8vo. *Truro*, 1859.

- Henwood** (William Jory). Notes on the Silver produced in Cornwall. (Tract.) 8vo. *Edinburgh*, 1861.
- . Address delivered at the Spring Meeting of the Royal Institution of Cornwall, 1869. (Tract.) 8vo. *Penzance*, 1869.
- . ———, 1870. (Tract.) 8vo. *Penzance*, 1870.
- . ———, 1871. (Tract.) 8vo. *Penzance*, 1871.
- . Remarques sur les gisements métallifères du Cornwall; Traduction par E. Morineau. (Tract.) 8vo. *Paris*, 1872.
- . Observations on the detrital Tin-ore of Cornwall. 8vo. *Truro*, 1873.
- . Remarques sur le minerai d'étain détritique du Cornwall. Traduction, par extraits, par M. Zeiller. (Tract.) 8vo. *Paris*, 1874.
- Herald Expedition**. The Zoology of the Voyage of H.M.S. 'Herald.' Vertebrata, including Fossil Mammals, by John Richardson. 4to. *London*, 1854.
- Herbert** (J. D.) Report of the Mineralogical Survey of the Himalaya Mountains lying between the Rivers Sutlej and Kalee. (Tract.) 8vo. *Calcutta*, 1842.
- Hereford** (Herbert), *Bishop of*. See CROFT (Herbert).
- Héricart de Thury** (Louis Etienne François). Considérations générales sur les vestiges fossiles de végétaux du sol des environs de Paris. (Tract.) 8vo. *Paris*, 1814.
- . Programme d'un concours pour le percement de puits forés suivant la méthode artésienne, etc. (Tract.) 8vo. *Paris*, 1828.
- . Considérations géologiques et physiques sur la cause du jaillissement des eaux des puits forés ou fontaines artificielles; etc. (Tract.) 8vo. *Paris*, 1829.
- . Notices sur le double puits foré au Port Saint-Ouen. (Tract.) 8vo. *Paris*, 1829.
- . Recherches sur l'origine ou l'invention de la sonde du fontenier-sondeur, etc. (Tract.) 8vo. *Paris*, 1829.
- . Sur le concours ouvert pour le percement des puits forés; etc. (Tract.) 8vo. *Paris*, 1830.
- . Du dessèchement des terres cultivables sujettes à être inondées. (Tract.) 8vo. *Paris*, 1831.
- . Rapport sur le concours pour le percement des puits forés à l'effet d'obtenir des eaux jaillissantes applicables aux besoins de l'agriculture. (Tract.) 8vo. *Paris*, 1831.
- and **Brongniart** (Alex.). Rapport . . . sur un mémoire relatif à la géologie des environs de Fréjus, par C. Texier. (Tract.) 8vo. *Paris*, 1833.
- Héricart-Ferrand** (*Vicomte*). Sur un terrain d'eau douce superficiel et les terrains qui lui sont inférieurs, entre les rivières d'Aisne et d'Ourcq. (Tract.) 8vo. *Paris*, 1821.
- . Itinéraire géognostique de Fontainebleau à Château-Landon, et composition du sol de la plaine de Château-Landon. (Tract.) 8vo. *Paris*, 1826.
- Herklots** (James Adrian). Fossiles de Java. Part 4. Echinodermes. 4to. *Leyden*, 1854.

- Hermann** (Benedikt Franz Johann von). Versuch einer mineralogischen Beschreibung des uralischen Erzgebürges. 2 vols. 8vo. *Berlin and Stettin*, 1789.
- . Mineralogische Reisen in Sibirien von 1783 bis 1796. (No title.) 3 vols. and plates. 4to. 1797–1801.
- . Die Wichtigkeit des russischen Bergbaues. (Tract.) 4to. *St. Petersburg*, 1810.
- . Ueber die Bewegung der Bevölkerung im Königreiche Bayern. (Tract.) 4to. *Munich*, 1853.
- . Ueber die Gliederung der Bevölkerung des Königreichs Bayern. (Tract.) 4to. *Munich*, 1855.
- . Ueber den Anbau und Ertrag des Bodens im Königreiche Bayern. I. Abtheilung. (Tract.) 4to. *Munich*, 1857.
- Hermann** (Gottfried). See FLÜGEL (J. G.).
- Hermann** (Rudolph). Untersuchungen einiger russischer Mineralien. (Tract.) 8vo. *Leipzig*, 1844.
- Hermelin** (S. G.). Lappmarken och Vesterbotten. See WAHLENBERG (Göran).
- Hernandez** (James). A Philosophical and Practical Essay on the Gold and Silver Mines of Mexico. Translated from the Spanish. (Tract.) 8vo. *London*, 1755.
- Héron de Villefosse** (Antoine Marie). De la Richesse minérale. Considérations sur les mines, usines et salines des différent états, présentées comparativement, etc. 3 vols. 4to; Atlas, fol. *Paris*, 1819.
- . Rapport fait au jury central de l'exposition des produits de l'industrie française, de l'année 1823, sur les objets relatifs à la métallurgie, etc. (Tract.) 8vo. *Paris*, 1823.
- Herrgen** (Christiano). See WIDENMANN (Johann Friedrich Wilhelm).
- Herrmannsen** (A. N.). Indicis generum Malacozoorum primordia. 2 vols. 8vo. *Cassel*, 1846–49.
- . ———. Supplementa et corrigenda. 8vo. *Cassel*, 1852.
- Herschel** (A. S.) and **Lebour** (G. A.). Notes on some Experiments on the Conducting-powers for Heat of certain Rocks, with Remarks on the Geological Aspects of the Investigation. (Tract.) 8vo. *London*, 1876.
- Herschel** (Sir John Frederick William). Obituary Notice. See QUETELET (Adolphe).
- . Sir John Herschel. An Eloge read at the Anniversary Meeting of the Royal Astronomical Society, February 9, 1872. (Tract.) 8vo. *London*, 1872.
- . Micrometrical Measures of 364 Double Stars, with a seven-foot equatorial achromatic telescope, taken at Slough in the years 1828, 1829, 1830. 4to. *London*, 1832.
- . Astronomy. (From Lardner's 'Cabinet Cyclopædia.') 8vo. *London*, 1833.
- . On the Absorption of Light by Coloured Media, viewed in connexion with the Undulatory Theory. (Tract.) 8vo. *London*, 1833.
- . Memoir of Francis Baily, Esq. (Tract.) 8vo. *London*, 1845.
- . Results of Astronomical observations made during the years 1834–5–6–7–8 at the Cape of Good Hope. 4to. *London*, 1847.

- Herschel** (*Sir John Frederick William*). A Manual of Scientific Inquiry, prepared for the use of officers in Her Majesty's Navy and travellers generally. 2nd edition. 8vo. *London*, 1851.
- . Sensorial Vision. (Tract.) 8vo. *Leeds*, 1858.
- . Physical Geography, from the 'Encyclopædia Britannica.' 8vo. *Edinburgh*, 1862.
- . Sur les Nébuleuses. (Tract.) 8vo. *Brussels*, 1862.
- Herter** (Paul). See **ERMAN** (Adolph).
- Hertwig** (Christoph). Neues und vollkommenes Berg-Buch, bestehend in sehr vielen und raren Berg-Händeln, und Bergwercks-Gebräuchen; etc. 8vo. *Dresden* and *Leipzig*, 1734.
- Hertwig** (Richard). Der Organismus der Radiolarien. 4to. *Jena*, 1879.
- Hesketh** (Robert). Shall the new Street which is to form the Grand Communication between the Eastern and Western parts of the Metropolis be straight or crooked? (Tract.) 8vo. *London*, 1854.
- Hess** (Hermann). L'Hydroboracite, nouvelle espèce minérale. (Tract.) 4to. *St. Petersburg*, 1833.
- . Der Hydroboracit, eine neue Mineralspecies. (Tract.) 8vo. *Leipzig*, 1834.
- Heton** (Thomas). Some Account of Mines, and the advantage of them to this Kingdom. 8vo. *London*, 1707.
- Heuglin** (Theodor von). Reisen nach dem Nordpolarmeer in den Jahren 1870 und 1871. Part III. Fauna, Flora und Geologie. 8vo. *Brunswick*, 1874.
- Heuland** (Henry). (Sale) Catalogue of his very splendid Collection of Minerals. (Tract.) 8vo. *London*, 1830.
- . Catalogue of his costly Collection of Minerals. . . . being a continuation of his late sale, etc. (Tract.) 8vo. *London*, 1834.
- Heuschling** (Xavier). Essai sur la statistique générale de la Belgique, composé sur des documents publics et particuliers; et publié par Ph. Van der Maelen. 8vo. *Brussels*, 1838.
- . Essai sur la statistique générale de la Belgique, etc. 2^e édition. 8vo. *Brussels*, 1841.
- Heusser** (Jacob Christian). De nonnullorum formiatum crystallinis formis. (Tract.) 8vo. *Berlin*, 1851.
- and **Claraz** (George). Beiträge zur geognostischen und physikalischen Kenntniss der Provinz Buenos Aires. (Tract.) 4to. *Zurich*, 1865.
- Hewitt** (W.). See **ADMIRALTY PUBLICATIONS**.
- . An Essay on the Encroachment of the German Ocean along the Norfolk Coast. 8vo. *Norwich*, 1844.
- Hey** (J.). See **SARTORIUS VON WALTERSHAUSEN** (W.).
- Heyne** (Benjamin). Tracts, Historical and Statistical, on India, with Journals of several tours through various parts of the Peninsula; also an Account of Sumatra, in a series of letters. 4to. *London*, 1841.
- Heywood** (James). See **HEER** (O.).
- Heywood** (Peter). See **ADMIRALTY PUBLICATIONS**.
- Hibbert** (Samuel). A Description of the Shetland Islands, comprising an account of their Geology, Scenery, Antiquities, and Superstitions. 4to. *Edinburgh*, 1822.

- Hibbert** (Samuel). History of the Extinct Volcanos of the Basin of Neuwied, on the Lower Rhine. 8vo. *Edinburgh*, 1832.
- . Additional notices relative to the Freshwater Limestones in the vicinity of Edinburgh, belonging to the Carboniferous group of Rocks. (Tract.) 8vo. *Edinburgh*, 1834.
- . Memoir on the Freshwater Limestone of Burdiehouse, in the neighbourhood of Edinburgh. Also Analysis of coprolites and other organic remains imbedded in the Limestone of Burdiehouse, by Arthur Connell. 4to. *Edinburgh*, 1835.
- . On the fossil Fishes of the Limestone of Burdiehouse. (Tract.) 8vo. *Edinburgh*, 1850?
- Hicks** (Henry). On the Classification of the Cambrian and Silurian Rocks. (Tract.) 8vo. *London*, 1872.
- . Some Considerations on the probable Conditions under which the Palæozoic Rocks were deposited over the Northern Hemisphere. (Tract.) 8vo. *London*, 1876.
- Higgin** (George). See WILSON (Allan).
- Higgins** (William). Analysis of the Meteoric Stone which fell in the County of Tipperary. (Tract.) 2 copies. 8vo. *Dublin*, 1811.
- Higson** (Peter). See REPORTS, PARLIAMENTARY. Mines.
- Hilgendorf** (F.). *Planorbis multiformis* im Steinheimer Süßwasserkalk. (Tract.) 8vo. *Berlin*, 1866.
- . Zur Streitfrage des *Planorbis multiformis*. (Tract.) 8vo. *Leipzig*, 1879.
- Hill** (Edwin). Eccentricity and Glacial Epochs. (Tract.) 8vo. *London*, 1880.
- Hill** (Sir John). A General Natural History, or new and accurate Descriptions of the Animals, Vegetables, and Minerals of the different parts of the World, etc. (Vol. I.) A History of Fossils; (Vol. III.) A History of Animals; containing descriptions of the birds, beasts, fishes, and insects of the several parts of the world, etc. Fol. *London*, 1748–52.
- . Fossils arranged according to their obvious Characters, etc. 8vo. *London*, 1771.
- . ΘΕΟΦΡΑΣΤΟΥ ΤΟΥ ΕΡΕΣΙΟΥ ΠΕΡΙ ΤΩΝ ΛΙΘΩΝ ΒΙΒΛΙΟΝ. —Theophrastus's History of Stones. With an English Version, and Notes, including the Modern History of the Gems described by that Author, and of many other of the Native Fossils; etc. 2nd edition. 8vo. *London*, 1774.
- Hill** (Samuel W.), **Campbell** (L. W.), and **Whittlesey** (Charles). Reports on the Phoenix Copper Company (Lake Superior). (Tract.) 8vo. *Boston*, 1855.
- Hill** (Thomas). The Annual Address . . . before the Harvard Natural History Society. (Tract.) 8vo. *Cambridge, Mass.*, 1853.
- Hilton** (C.). Catalogue of Minerals and Organic Remains found in the neighbourhood of Midhurst. (Tract.) 4to. MS.
- Hincks** (Thomas). A History of the British Marine Polyzoa. 2 vols. 8vo. *London*, 1880.
- Hind** (Henry Youle). Reports of Progress, together with a Preliminary and General Report on the Assiniboine and Saskatchewan Exploring Expedition, Canada. 4to. *Toronto*, 1859.

- Hind** (Henry Youle). Narrative of the Canadian Red River Exploring Expedition of 1857 and of the Assiniboine and Saskatchewan Exploring Expedition of 1858. 2 vols. 8vo. *London*, 1860.
- . Explorations in the Interior of the Labrador Peninsula. 2 vols. 8vo. *London*, 1863.
- . Report on the Waverley Gold District. 8vo. *Halifax, N. S.*, 1869.
- . On Gold Mining and its Prospects in Nova Scotia. (Tract.) 8vo. *London*, 1870.
- . Report on the Sherbrooke Gold District, together with a paper on the Gneisses of Nova Scotia, and an abstract of a paper on Gold Mining in Nova Scotia. 8vo. *Halifax, N. S.*, 1870.
- . Report on the Mount Uniacke, Oldham, and Renfrew Gold Mining districts. 8vo. *Halifax, N. S.*, 1872.
- . Report on the Topographical Survey of part of the Cumberland Coal Field, with notices of the coal seams, and their relation to the iron deposits of Cobequids. 8vo. *Halifax, N. S.*, 1873.
- . Notes on some Geological Features of the North-eastern coast of Labrador. (Tract.) 8vo. *Montreal*, 1877.
- . See SERIALS, ETC.: *TORONTO, Canadian Journal*; and SURVEYS: *NEW BRUNSWICK*.
- Hiortdahl** (Th.). Chemisk Undersøgelse af Mergeller og de deri indeholdte Boller. (Tract.) 8vo. *Christiania*, 1863.
- . Om Underberget ved Kongsberg, og om guldets forekomst sammesteds. (Tract.) 8vo. *Christiania*, 1868.
- and **Irgens** (M.). Geologiske Undersøgelser i Bergens Omegn, med et tillæg om fjeldstykket mellem Lærdal og Urland samt om profilet over Filefjeld [af Dr. Theodor Kjerulf]. (Tract.) 2 copies. 4to. *Christiania*, 1862.
- . See **IRGENS** (M.).
- Hirschwald** (J.). Grundzüge einer mechanischen Theorie der Krystallisationsgesetze. (Tract.) 8vo. *Vienna*, 1873.
- Hisinger** (Wilhelm von). Samling till en mineralogisk geografi öfver Sverige. (Tract.) 8vo. *Stockholm*, 1808.
- . Anteckningar i fysik och geognosi under resor uti Sverige och Norrige. 8vo. *Upsala*, 1819.
- . Upplysningar rörande geognostiska kartan öfver medlersta och södra delarne af Sverige. (Tract.) 8vo. *Stockholm*, 1834.
- . Lethæa Svecica, seu petrificata Sveciæ. 4to. *Stockholm*, 1837.
- Hislop** (Stephen). Geology of the Nagpur State. (Tract.) 8vo. *Bombay*, 1853.
- . On the Tertiary Deposits, associated with Trap-rock, in the East Indies, with descriptions of the fossil Shells, and of the fossil Insects, by Andrew Murray; and a note on the fossil Cypridæ by T. Rupert Jones. (Tract.) 8vo. *London*, 1860.
- Hitchcock** (Charles H.). See SURVEYS: *NEW HAMPSHIRE* and *VERMONT*.
- Hitchcock** (Edward). [A series of maps and sketches illustrating the geology of parts of America.]
- . An Account of the Ornithichnites, or Footmarks of Birds, on the New Red Sandstone of the Valley of the Connecticut. (Tract.) 8vo. *New Haven*, 1836.

- Hitchcock** (Edward). Report on a Re-examination of the Economical Geology of Massachusetts. (Tract.) 8vo. *Boston*, 1838.
- . First Anniversary Address before the Association of American Geologists, at their Second Annual Meeting in Philadelphia, April 5, 1841, with Abstract of the Proceedings at their First Meeting in 1840. (Tract.) 8vo. *New Haven*, 1841.
- . Explanation of the Geological Map attached to the Topographical Map of Massachusetts. (Tract.) 8vo. *Boston*, 1844.
- . Report on certain Points in the Geology of Massachusetts. (Tract.) 8vo. *Boston*?, 1853.
- . See **RED RIVER and SURVEYS: MASSACHUSETTS and VERMONT.**
- Hobart Town**. Meteorological Observatory. Observations made at the Magnetical and Meteorological Observatory at Hobarton, in Van Diemen Land, by the Antarctic Naval Expedition. Printed under the superintendence of Edward Sabine. Vols. I.—III. 4to. *London*, 1850–53.
- Hochstetter** (Ferdinand von). Karlsbad, seine geognostischen Verhältnisse und seine Quellen. 8vo. *Karlsbad*, 1856.
- . Lecture on the Geology of the Province of Auckland, New Zealand. (Tract.) 4to. *Auckland*, 1859.
- . Geological and Topographical Atlas of New Zealand. 2 copies. 4to. *Auckland*, 1864.
- . The Geology of New Zealand. Translated by C. F. Fischer. 8vo. *Auckland*, 1864.
- . Ueber das Vorkommen und die verschiedenen Abarten von neuseelandischem Nephrit, Punaum der Maoris. (Tract.) 8vo. *Vienna*, 1864.
- . Ueber das Vorkommen von Eozoon im krystallinischen Kalke von Krummau im südlichen Böhmen. (Tract.) 8vo. *Vienna*, 1866.
- . Geologische Skizze von Gibraltar. (Tract.) 4to. *Vienna*, 1866.
- . New Zealand; its Physical Geography, Geology, and Natural History. Translated from the German by Edward Santer. 8vo. *Stuttgart*, 1867.
- . See **HANN (J.); NOVARA EXPEDITION; and REPORTS, COLONIAL.** New Zealand.
- and **Bisching** (Anton). Leitfaden der beschreibenden Krystallographie. 8vo. *Vienna*, 1868.
- and **Petermann** (A.). Geologisch-topographischer Atlas von Neu-Seeland. 4to. *Gotha*, 1863.
- Hodge** (James S.). On the Mineral Region of Lake Superior. (Tract.) 8vo. *Boston*, 1850.
- Hodgson** (Bryan Houghton). Description of the Bearded Vulture of the Himálaya. (Tract.) 8vo. *Calcutta*, 1835.
- . Red-billed Erolia. (Tract.) 8vo. *Calcutta*, 1835.
- Hoff** (Karl Ernst Adolf von). Geschichte der durch Ueberlieferung nachgewiesenen natürlichen Veränderungen der Erdoberfläche. 3 vols. 8vo. *Gotha*, 1822–34.
- . Höhen-Messungen in und um Thüringen. 4to. *Gotha*, 1833.
- . See **SERIALS, ETC.: LEIPZIG.** Magazin für die gesammte Mineralogie, etc.

- Höffel** (Johann Theophilus). *Historia Balsami mineralis Alsatici seu Petrolei vallis Sancti Lamperti. Germanice: Der hanauische Erd-Balsam, Lamperslocher Œl, oder Bächel-Brunn, etc. (Tract.)*
4to. *Strasburg*, 1734.
- Hofflich** (Johann Wolfgang). *Dissertatio juridica, exhibens Jura Minerarum. (Tract.)*
4to. *Jena*, 1695.
- Hoffman** (W. J.). *On the Mineralogy of Nevada. (Tract.)*
8vo. *Washington*, 1878.
- Hoffmann** (Christian August Siegfried). *Handbuch der Mineralogie.*
2 vols. 8vo. *Freiberg*, 1811–12.
- Hoffmann** (Friedrich). *Ueber die geognostischen Verhältnisse des linken Weserufers bis zum Teutoburger Wald. (Tract.)*
8vo. *Berlin?*, 1825.
- . *Geognostischer Atlas vom nordwestlichen Deutschland.*
4to. *Berlin*, 1830.
- . *Uebersicht der orographischen und geognostischen Verhältnisse vom nordwestlichen Deutschland. Vol. I. Orographische Uebersicht.*
8vo. *Leipzig*, 1830.
- . *Ueber die geognostische Beschaffenheit der liparischen Inseln. (Tract.)*
8vo. *Leipzig*, 1832.
- . *Geschichte der Geognosie und Schilderung der vulkanischen Erscheinungen. [Hinterlassene Werke, Band II.]* 8vo. *Berlin*, 1838.
- . *Geognostische Beobachtungen. Gesammelt auf einer Reise durch Italien und Sicilien in den Jahren 1830 bis 1832.*
8vo. *Berlin*, 1839.
- Hofmann** (August Wilhelm). *The Chemical Laboratories in course of Erection in the Universities of Bonn and Berlin.*
4to. *London*, 1866.
- Hofmann** (*Freyherr* von). *Abhandlung über die Eisen-Hütten.*
4to. *Hof*, 1783.
- Hofmann** (E.) and **Helmersen** (G. von). *Geognostische Untersuchung des Süd-Ural-Gebirges. (Tract.)*
8vo. *Berlin*, 1831.
- Hofmeister** (Wilhelm). *On the Germination, Development, and Fructification of the higher Cryptogamia, and on the Fructification of the Coniferæ. Translated by Frederick Currey. [Ray Society.]*
8vo. *London*, 1862.
- Hogard** (Henri). *Description minéralogique et géologique des régions granitiques et arénacées du système des Vosges. Plates only.*
Fol. *Epinal*, 1837.
- . *Recherches sur les Glaciers et sur les formations erratiques des Alpes de la Suisse.*
8vo. *Epinal*, 1858.
- . See **MARTINS** (Charles).
- Hogg** (Jabez). *Microscopical Examination of certain Waters, and a Chemical Analysis by D. Campbell, with Introductory notes by S. C. Homersham. (Tract.)*
8vo. *London*, 1874.
- . See **GUPPY** (R. J. Lechmere).
- Hogg** (John). *On the Natural History of the vicinity of Stockton-on-Tees.*
8vo. *Stockton*, 1827.
- . *A Catalogue of Sicilian Plants, with some remarks on the Geography, Geology, and Vegetation of Sicily.¹ (Tract.)*
8vo. *London*, 1842.

- Hogg (John).** Remarks on Mount Serbal, being the true Mount Sinai, etc. (Tract.) 8vo. *London*, 1849.
- . On the Geography and Geology of the Peninsula of Mount Sinai, and the adjacent Countries. (Tract.) 8vo. *Edinburgh*, 1850.
- . Address to the Members of the Tyneside Naturalists' Field Club, read at the Eleventh Anniversary Meeting, April 1857. (Tract.) 8vo. *Newcastle-upon-Tyne*, 1857.
- . On the History of Iceland, and the Icelandic Language and Literature. (Tract.) 8vo. *London*, 1859.
- . On Gebel Hauran, its adjacent Districts, and the Eastern Desert of Syria, etc. (Tract.) 8vo. *Edinburgh*, 1860.
- . On some old Maps of Africa in which the central Equatorial Lakes are laid down nearly in their true Positions. (Tract.) 8vo. *London*, 1864.
- Hogg's Instructor.** January 1854. (Tract.) 8vo.
- Hohenegger (Ludwig).** Geognostische Karte des ehemaligen Gebietes von Krakau mit dem südlich angrenzenden Theile von Galizien. Zusammengestellt durch Cornelius Fallaux. (Tract.) 4to. *Vienna*, 1866.
- Holden (J. S.).** See TATE (Ralph).
- Holdsworth (Joseph).** On the Extension of the English Coal-Fields beneath the Secondary Formations of the Midland Counties. [Also] Does Coal exist near London? geologically considered. 8vo. *London*, 1866.
- Holl (Friedrich).** Handbuch der Petrefactenkunde, mit einer Einleitung über die Vorwelt der organischen Wesen auf der Erde, von Ludwig Choulant. 12mo. *Dresden*, 1829.
- Holl (Harvey B.).** See JONES (Thomas Rupert).
- Holland.** See NETHERLANDS.
- Holloway (Benjamin).** See WOODWARD (John).
- Holmberg (Heinrich Johann).** Förteckning och afbildningar af Finska Fornlemningar. I. Stenåldern. II. Bronsåldern. (Bidrag till Finlands Naturkännedom, Etnografi och Statistik, utgifna af Finska Vetenskaps Societeten. Häft IX.) (Tract.) 8vo. *Helsingfors*, 1863.
- Holmboe (Berndt Michael).** Formen af den Function som fyldestgjör Ligningen $F(x+z) + (x-z) = aF(x) \cdot F(z)$. (Tract.) 8vo. *Christiania*, 1833.
- Holmes (Francis S.).** Postpliocene Fossils of South Carolina. Nos. 1 and 2. 4to. *Charleston, S. C.*, 1858.
- . Remains of domestic Animals discovered among Postpliocene Fossils in South Carolina. Also extracts from a paper by Professor Leidy . . . and a letter by Professor Agassiz. (Tract.) 8vo. *Charleston, S. C.*, 1858.
- . The Horse not originally imported into America from the east. (Tracts.) 2 copies. 8vo. *Charleston, S. C.*, 1858.
- . Phosphate rocks of South Carolina and the "Great Carolina Marl Bed." (Tract.) 8vo. *Charleston*, 1870.
- . See TUOMEY (M.).
- Holmes (James Ivory).** The Inspiration of Moses proved by the perfect agreement of his accounts of the Creation and Deluge with the dislocated State of the Crust of our Globe, as recorded by modern Geologists; etc. (Tract.) 8vo. *London*, 1856.

- Holmes (James Ivory).** The Inspiration of the Mosaic Account of the Creation and Deluge confirmed and established by the geological Discoveries of modern times. (Tract.) 8vo. London, 1857.
- Holmes (J. H. H.).** A Treatise on the Coal-mines of Durham and Northumberland. 8vo. London, 1816.
- Holmes (T. V.).** See SURVEYS: ENGLAND AND WALES.
- Holmes's Magneto-electric Light,** as applicable to Lighthouses. 8vo. London, 1862.
- Hombres-Firmas (Louis Augustin d').** Recueil de mémoires et d'observations de physique, de météorologie, d'agriculture, et d'histoire naturelle. 4^{me} partie. (Pp. 277-324, containing 'Notice sur les arbres remarquables,' wanting.) 8vo. Nismes, 1838.
- . Mémoire sur les Hippurites et les Sphérulites du département du Gard. (Tract.) 8vo. Nismes, 1838.
- . Notice sur la rivière de Cèze et le cataracte de Santadet. (Tract.) 8vo. Nismes, 1838.
- . Notice sur la Nérinée gigantesque, *Nerinea gigantea*, Nob. (Tract.) 8vo. Nismes, 1838.
- . Notice sur des dents fossiles de poisson. (Tract.) 8vo. Nismes, 1838.
- . Mémoire sur la formation d'un cabinet d'amateur, et d'une collection géologique des Cévennes. (Tract.) 3 copies. 8vo. Nismes, 1838.
- . Description de la Nérinée toupie *Nerinea trochiformis*. (Tract.) 3 copies. 8vo. Nismes, 1838.
- . 10^{me} addition au mémoire sur les Hippurites et les Sphérulites du département du Gard. (Tract.) 3 copies. 8vo. Nismes, 1838.
- . Excursion à la montagne de St.-Pierre, près de Maestricht. (Tract.) 4 copies. 8vo. Nismes, 1838.
- . Insectes nuisibles à l'agriculture. Notes sur les dégâts causés par les grillons sur les mûriers. (Tract.) 4 copies. 8vo. Nismes, 1838.
- . Paléontologie. (Tract.) 8vo. Nismes, 1838.
- . Description de deux Térébratules de la collection géologique des Cévennes. (Tract.) 8vo. Nismes, 1838.
- . Description d'une moule géante fossile. (Tract.) 8vo. Nismes, 1838.
- . Découverte du *Chamærops Dumasiana*. (Tract.) 8vo. Nismes, 1838.
- . Description du *Cycloconus Catulli*. (Tract.) 8vo. Nismes, 1838.
- . Observations sur la *Terebratula diphyæ*. (Tract.) 8vo. Nismes, 1838.
- . Itinéraire proposé à la Société géologique de France, dans sa réunion extraordinaire à Alais. (Tract.) 8vo. Paris, 1846.
- . Notes sur Fressac (Gard) et description de deux anciennes Térébratules inédites. (Tract.) 8vo. Paris, 1847.
- . Description de la *Terebratula alesiensis* (Nobis). 8vo. Paris, 1847.
- . Mémoire sur le *Rhinoceros minutus* de Saint-Martin-d'Arènes, près d'Alais, Gard; (et) Extraits de l'itinéraire du voyageur-naturaliste dans les Cévennes. (Tract.) 8vo. Alais, 1854.
- . See LINNÉ (Carolus a).

- Home** (*Sir Everard*). Observations on the structure and mode of growth of the grinding-teeth of the Wild Boar, and *Animal incognitum*. (Tract.) 4to. London, 1801.
- . An account of some fossil remains of the *Rhinoceros* discovered in a cavern . . . at Plymouth. (Tract.) 4to. London, 1817.
- Homer** (Charles J.). On the North Staffordshire Coal-field with the Iron-stones contained therein. (Tract.) 2 copies. 8vo. Hanley, 1875.
- Homersham** (Samuel Collett). Report to the Directors [of the] London (Watford) Spring-water Company. 3rd edition. (Tract.) 8vo. London, 1850.
- . [Canterbury Gas and Water. New Water Supply.] Report from the Engineer [S. C. H.] to the Waterworks, and a chemical analysis of the water from the new works at Wincheap, by Dugald Campbell. (Tract.) 8vo. London, 1869.
- . See CHANNEL TUNNEL; HOGG (Jabez); and WATER SUPPLY: Canterbury, and London.
- Hondt** (P. de). See DONATI (Vitaliano).
- Honeyman** (D.). Geology of Antigonish County. (Tract.) 8vo. Halifax, N. S., 1866.
- Höninghaus** (Friedrich Wilhelm). Note sur l'*Aspergillum leognanum* trouvé fossile à Leognan, près de Bordeaux. (Tract, lith.) 4to. Crefeld, 1827.
- . Beitrag zur Monographie der Gattung *Crania*. (Tract.) 4to. Düsseldorf, 1828.
- . Note sur un *Productus* singulier de Visé, Ratingen, etc. (Tract.) 4to. Crefeld, 1828.
- . Ueber *Isocardia Humboldtii*, etc. (Tract.) 4to. Crefeld, 1828–29.
- . Verzeichniss der dem Museum der Universität Bonn zur Beförderung grösseren Nutzens in den Naturwissenschaften überlassenen Petrefacten-Sammlung. 8vo. Crefeld, 1829.
- . Versuch einer geognostischen Eintheilung seiner Versteinerung-Sammlung. 2er Theil. Fünfte Abtheilung. (Tract.) 8vo. Leipzig, 1831.
- . Ueber *Calymene arachnoides*, Goldfuss. (Tract.) 4to. Crefeld, 1835.
- . [Ueber ein schönes Exemplar des Geschlechts *Dentalium* (*D. saturni*).] (Tract, lith.) Crefeld, 1836.
- . [Ueber Pflanzenabdrücke aus dem Süsswasser-Kalk von Mombach.] (Tract, lith.) 4to. Crefeld, 1840.
- . Trilobites der geognostischen Sammlung. (Tract.) 8vo. Crefeld, 1843.
- . [Sur le *Harpes reflexus* (n. s.) de l'Eifel.] (Tract.) 4to. Crefeld, 1847.
- Hooker** (*Sir Joseph Dalton*). Notes of a Tour in the Plains of India, the Himala, and Borneo. Part II. Calcutta to Darjeeling. (Tract.) 8vo. London, 1849.
- . Himalayan Journals; or Notes of a Naturalist in Bengal, the Sikkim, and Nepal Himalayas, the Khasia Mountains, etc. 2 vols. 8vo. London, 1854.
- and Thomson (Thomas). Introductory Essay to the 'Flora Indica.' (Reprinted from the 'Flora Indica.') 8vo. London, 1855.

- Hope** (Frederick William). Synopsis of the new Species of Nepaul Insects in the Collection of Major-General Hardwicke. (Tract.) 8vo. London, 1831.
- Hope** (W. Beresford-). Speech in moving the Rejection of the Metric Weights and Measures Bill. (Tract.) 8vo. London, 1868.
- Hopkins** (Evan). On the Connexion of Geology with Terrestrial Magnetism. 8vo. London, 1844.
- . 2nd edition. 8vo. London, 1851.
- . 3rd edition. 8vo. London, 1865.
- . On the Geology of the Gold-bearing Rocks of the World, and the Gold-fields of Victoria. 8vo. Melbourne, 1853.
- . On the Vertical Structure of the Primary Rocks and the general Character of their gold-bearing Varieties. (Tract.) 8vo. London, 1856.
- , **Sir Roderick Murchison**, and **The Rev. Dr. Cumming**. Fiery Globe and the Australian gold-fields. (Tract.) Fol. London, 1861.
- . Terrestrial Magnetism with reference to the Compasses of Iron Ships; their "deviation" and remedies. (Tract.) 8vo. London, 1866.
- Hopkins** (William). On the Stratification of the Limestone District of Derbyshire. (Tract.) 8vo. Not published, 1834.
- . Researches in Physical Geology. (Tract.) 4to. Cambridge, 1835.
- . (First series.) (Tract.) 4to. London, 1839.
- . (Second series.) (Tract.) 4to. London, 1840.
- . (Third series.) (Tract.) 4to. London, 1842.
- . An Abstract of a Memoir on Physical Geology. (Tract.) 8vo. Cambridge, 1836.
- . Theoretical investigations on the Motion of Glaciers. (Tract.) 2 copies. 8vo. Cambridge, 1842.
- . On the Motion of Glaciers. (Tract.) 2 copies. 4to. Cambridge, 1844.
- . On the Transport of Erratic Blocks. (Tract.) 4to. Cambridge, 1844.
- . On the Internal Pressure to which Rock-masses may be subjected, and its possible Influence in the production of Laminated Structure. (Tract.) 3 copies. 8vo. Cambridge, 1847.
- . On the Causes which may have produced Changes in the Earth's superficial temperature. (Tract.) 8vo. London, 1852.
- . On the External Temperature of the Earth and other Planets of the Solar System. (Tract.) 4to. Cambridge, 1856.
- Hopkinson** (John). On British Graptolites. (Tract.) 8vo. London, 1869.
- . On *Dexolites gracilis*, a new Silurian Annelide. (Tract.) 8vo. London, 1870.
- . On the structure and affinities of the genus *Dicranograptus*. (Tract.) 8vo. London, 1870.
- . On a specimen of *Diplograptus pristis* with reproductive capsules. (Tract.) 8vo. London, 1871.
- . On *Dicellograptus*, a new genus of Graptolites. (Tract.) 8vo. London, 1871.
- . Report of the Proceedings of the Geological Section of the British Association at Edinburgh, 1871. (Tract.) 8vo. London, 1871.
- . On *Callograptus radicans*, a new dendroid Graptolite. (Tract.) 8vo. London, 1872.

- Hopkinson (John).** On some new Species of Graptolites from the south of Scotland. (Tract.) 8vo. *London*, 1872.
- . Excursion of the Geologists' Association to Eastbourne and St. Leonards, May 23rd and 24th, 1873. (Tract.) 8vo. *London*, 1873.
- . On some Graptolites from the Upper Arenig rocks of Ramsey Island, St. David's. (Tract.) 8vo. *London*, 1873.
- . Reports of the Field Meetings of the Watford Natural History Society in 1875–1879. (Tracts.) 8vo. *Watford*, 1876–80.
- . On the recent Discovery of Silurian Rocks in Hertfordshire and their Relation to the Water-bearing Strata of the London Basin. (Tract.) 8vo. *Hertford*, 1880.
- Hopton (William).** See COAL-MINES. Explosions.
- Hörbye (J. C.).** Observations sur les phénomènes d'érosion en Norvège, publiées par B. M. Keilhau. (Tract.) 2 copies. 4to. *Christiania*, 1857.
- . Fortsätte Jagttagelser over de erratiske Phænomenen. (Tract.) 2 copies. 8vo. *Christiania*, 1859.
- Horn (Caspar Heinrich).** De regali metalli-fodinarum jure. (Tract.) 4to. *Wittemberg*, 1703.
- Horn (George H.).** See LE CONTE (John L.).
- Horner (G. R. B.).** Medical Topography of Brazil and Uruguay. 8vo. *Philadelphia*, 1845.
- Horner (Leonard).** On an artificial substance resembling shell; with an account of an examination of the same, by Sir David Brewster. (Tract.) 4to. *London*, 1836.
- . On the occurrence of the *Megalichthys* in a bed of Cannel Coal in the west of Fifeshire, etc. (Tract.) 8vo. *Edinburgh*, 1836.
- . Observations on Professor Lepsius' Discovery of sculptured Marks on Rocks in the Nile Valley in Nubia. (Tract.) 8vo. *Edinburgh*, 1850.
- . An account of some recent Researches near Cairo, undertaken with the view of throwing light upon the geological history of the alluvial land of Egypt. Part I. (Tract.) 4to. *London*, 1855.
- . An account of some recent Researches near Cairo, &c. (Tract.) 4to. *London*, 1858.
- . See GREENOUGH (George Bellas).
- Hörnes (Moriz).** Sammlungen von Tertiärpetrefacten des Wiener Beckens. (Tract.) 4to. *Vienna*, 1852.
- . Ueber die Gastropoden und Acephalen der Hallstätter Schichten. (Tract.) 4to. *Vienna*, 1855.
- . Die fossilen Mollusken des Tertiärbeckens von Wien. (Tract.) 8vo. *Vienna*, 1864.
- . See HAUER (Franz von), and NOVARA EXPEDITION.
- Hornsey.** Section of Mr. Warner's Well at Hornsey. (Tract.) MS.
- Hornstein (F. F.).** Ein letztes Wort in Sachen Zängerle. (Tract.) 8vo. *Cassel?*, 1874.
- Horry (S. C.).** See BERTRAND (Alexandre).
- Horsfield (Thomas).** Zoological Researches in Java and the neighbouring Islands. Part 2. (Tract, imperfect.) 4to. *London*, 1821.
- . See MUSEUMS. East-India Company. Catalogue of the East-India Company's Museum,

- Horsfield** (Thomas), **Bennett** (John), and **Brown** (Robert). *Plantæ Javanicæ rariores, descriptæ iconibusque illustratæ, quas in insula Java, annis 1802–1818, legit et investigavit T. H.* Fol. *London*, 1838–52.
- , ——, ——, Map of the Island of Java, to illustrate the Researches of Thomas Horsfield, M.D., with the Geographical Preface and Postscript of 'Plantæ Javanicæ rariores.' 4to. *London*, 1852.
- Horticultural Exhibition.** The International Horticultural Exhibition and Botanical Congress, held in London, from May 22nd to May 31st, 1866. Report of Proceedings. 8vo. *London*, 1866.
- Horton** (William S.). On the Geology of the Stonesfield Slate and its associate Formations. (Tract.) 8vo. *London*, 1860.
- Hoskins** (S. Elliott). Tables for the extemporaneous application of Corrections for Temperature to Barometric Observations. (Tract.) 8vo. *Guernsey*, 1842.
- Hough** (Franklin B.). The Elephant's Tusk lately found near Copenhagen. (Tract.) 2 copies. Slips. *Lowville, N. Y.* 1877.
- Houghton** (Thomas). *Rara Avis in Terris: or the Compleat Miner; in Two Books.* The Second Edition. See METALS, MINES, and MINERALS.
- . The Miner's Guide, or Complete Miner, selected, arranged, and printed (*verbatim*) from the works of Hardy and Houghton. 8vo. *Wirksworth*, 1810.
- Houzeau** (Jean C.). *Essai d'un géographie physique de la Belgique.* 8vo. *Brussels*, 1854.
- . *Histoire du sol de l'Europe.* 8vo. *Brussels*, 1857.
- . *De la symétrie des formes des continents.* (Tract.) 8vo. *Brussels*.
- Houzeau-de-Lehaie** (A.). See BRIART (A.).
- Hövel** (Friedrich von). *Geognostische Bemerkungen über die Gebirge in der Grafschaft Mark.* (Tract.) 4to. *Hanover*, 1806.
- Howard** (Luke). *Barometrographia: Twenty years' variation of the Barometer in the climate of Britain.* Fol. *London*, 1847.
- . Papers on Meteorology, relating especially to the climate of Britain, and to the variations of the Barometer. (Being Parts I. and II. of the Appendix to 'Barometrographia.') 4to. *London*, 1850–54.
- Howard** (William). Narrative of a Journey to the Summit of Mont Blanc, made in 1819. (Tract.) 8vo. *Baltimore*, 1821.
- Howe** (Joseph). See REPORTS, COLONIAL. Nova Scotia.
- Howell** (E. R.). See SURVEYS: UNITED STATES.
- Howell** (Henry H.), and **Geikie** (Archibald). The Geology of the Neighbourhood of Edinburgh. With appendix and lists of fossils, by J. W. Salter. (Memoir on map 32 of the Geological Survey of Scotland.) (2 copies.) 8vo. *London*, 1861.
- , ——, and **Young** (John). The Geology of East Lothian, including parts of the counties of Edinburgh and Berwick. Appendix on the fossils by J. W. Salter. (Memoir on map 33 of the Geological Survey of Scotland.) 8vo. *London*, 1866.
- Howell** (James). Geological Formations above the Chalk at Brighton. (Tract.) 12mo. *Brighton*, 1872.
- Howley** (James P.). See SURVEYS: NEWFOUNDLAND,

- Howse (Richard).** Notes on a Dredging Excursion off the Coast of Durham; with descriptions of the ova-capsules of *Fusus norvegicus* and *F. Turtoni*. (Tract.) 8vo. London, 1847.
- . A Catalogue of the Fossils of the Permian System of the counties of Northumberland and Durham. (Tract.) 8vo. Newcastle and London, 1848.
- . Supplemental Note on the Priority of the Tyneside Catalogue, published August 17th, 1848. (Tract.) 8vo. North Shields, 1859.
- and **Kirkby (J. W.).** A Synopsis of the Geology of Durham and Part of Northumberland. (Tract.) 8vo. Newcastle, 1863.
- Hüber (Georg Ludovic).** See **BERINGER (Johann Barthol. Adam).**
- Hubertz (J. R.).** De Sindssyge i Danmark, efter undersøgelsen af 1. Juli 1847. (Tract.) 4to. Copenhagen, 1851.
- Hudleston (Wilfred H.).** The Yorkshire Oolites. 8vo. London, 1875.
- . On the Controversy respecting the Gneiss Rocks of the North-west Highlands. (Tract.) 8vo. London, 1879.
- . See **BLAKE (J. F.).**
- Hudson (James).** Report on the Adjudication of the Copley, Rumford, and Royal Medals: and Appointment of the Bakerian, Croonian, and Fairchild Lecturers. (Tract.) 4to. London, 1834.
- . See **LINK (H. F.).**
- Hudson's Bay.** Meteorological Observations made at Nelson Encampment [near York Fort], 1811–12. (Tract, MS.) 4to. 1816.
- Hudson's-Bay Company.** See **REPORTS, PARLIAMENTARY.**
- Hughes (Thomas M'Kenny).** See **SURVEYS: ENGLAND AND WALES.**
- Hugi (F. J.).** Naturhistorische Alpenreise. 8vo. Leipzig, 1830.
- Huguenin (Jules).** Coup d'œil sur la géologie du Morbihan. 8vo. Paris, 1862.
- Hulke (John Whitaker).** Memorandum on some fossil Vertebrate Remains collected by the Swedish Expeditions to Spitzbergen in 1864 and 1868. (Tract.) 8vo. Stockholm, 1873.
- Hull (Edward).** The Geology of the Country around Cheltenham. Sheet 44 of the Geological Survey. (Memoirs of the Geological Survey of England.) (3 copies.) 8vo. London, 1857.
- . On the Vestiges of Extinct Glaciers in the Highlands of Great Britain and Ireland. (Tract.) 8vo. Manchester, 1861.
- . The Coal-fields of Great Britain. 2nd edition. 8vo. London, 1861.
- . ———. 3rd edition. 8vo. London, 1873.
- . Additional Observations on the Drift-deposits and more recent Gravels in the Neighbourhood of Manchester. (Tract.) 8vo. London, 1865.
- . On the New Red Sandstone and Permian Formations, as Sources of Water-supply for towns. (Tract.) 8vo. Manchester, 1865.
- . Introductory Lecture to the Geological Class. Royal College of Science for Ireland. Session 1869–70. (Tract.) 8vo. Dublin, 1869.
- . On the Extension of the Coal-fields beneath the newer Formations of England; and the Succession of Physical Changes whereby the Coal-measures have been reduced to their present dimensions. (Tract.) 8vo. London, 1870.

- Hull** (Edward). On the Geological Age of the Ballycastle Coal-field, and its Relations to the Carboniferous Rocks of the West of Scotland: with Palæontological notes by W. H. Baily. (Tract.)
8vo. *Dublin*, 1871.
- A Treatise on the Building and Ornamental Stones of Great Britain and foreign Countries. 8vo. *London*, 1872.
- On the Volcanic Phenomena of County Antrim and adjoining Districts. (Tract.) 8vo. *London*?, 1874.
- A Scheme of Water-supply for Villages, Hamlets, and country Parishes of the Central and Eastern Counties. (Tract.)
8vo. *London*, 1876.
- On a Deep Boring for Coal at Scarle, Lincolnshire; and its bearing on the question of the easterly limit of the Yorkshire Coal-measures beneath the newer formations. (Tract.) 8vo. *London*, 1877.
- The Physical Geology and Geography of Ireland.
8vo. *London*, 1878.
- See **HARDMAN** (Edward T.), and **HAUGHTON** (Samuel).
- and **Hardman** (Edward T.). On the Nature and Origin of the Beds of Chert in the Upper Carboniferous Limestone of Ireland, [and] on the Chemical Composition of Chert and the Chemistry of the Process by which it is formed. (Tract.) 4to. *Dublin*, 1878.
- See **SURVEYS: ENGLAND AND WALES**.
- Hull** (Hugh M.). Tasmania in 1870; or Hints to Emigrants, intending Settlers, and Capitalists, etc. (Tract.)
12mo. *Hobart Town*, 1870.
- Hultmann** (David). *Instructio Musei rerum naturalium*. (Tract.)
4to. *Upsala*, 1753.
- Humbert** (Aloïs). See **PICTET** (F. J.)
- Humble** (William). *Dictionary of Geology and Mineralogy*.
8vo. *London*, 1840.
- Humboldt** (Friedrich Heinrich Alexander von). *Biographical Notice*.
See **AGASSIZ** (Louis), and **MARTIUS** (Carl Friedrich Philipp von).
- *Aphorismen aus der chemischen Physiologie der Pflanzen*. Nebst einer Vorrede von Christ. Friedr. Ludwig. 8vo. *Leipzig*, 1794.
- *Versuche über die chemische Zerlegung des Luftkreises und über einige andere Gegenstände der Naturlehre*. 8vo. *Brunswick*, 1799.
- *Voyage de Humboldt et Bonpland*. 3^{me} partie. *Essai politique sur le royaume de la nouvelle Espagne*. 2 vols.
Fol. *Paris*, 1811.
- *Atlas géographique et physique du royaume de la Nouvelle-Espagne*. Fol. *Paris*, 1812.
- *Essai géognostique sur le gisement des roches dans les deux hémisphères*. 8vo. *Paris*, 1823.
- *Ueber den Bau und die Wirkungsart der Vulcane in verschiedenen Erdstrichen*. (Tract.) 4to. *Vienna*, 1823.
- *Bericht über die naturhistorischen Reisen der Herren Ehrenberg und Hemprich durch Aegypten, Dongola, Syrien, Arabien, etc., in den Jahren 1820–1825*. (Tract.) 4to. *Berlin*, 1826.
- *Mémoire sur les chaînes de montagnes et les volcans de l'Asie intérieure, et sur une nouvelle éruption volcanique dans la chaîne des Andes, avec notes par M. Klaproth*. (Tract.) 8vo. *Paris*, 1830.

- Humboldt** (Friedrich Heinrich Alexander von). *Fragmens de géologie et de climatologie asiatiques.* 2 vols. 8vo. *Paris*, 1831.
- . *Geognostische und physikalische Beobachtungen über die Vulcane des Hochlandes von Quito.* (Tract.) 8vo. *Berlin*, 1837.
- . *Asie centrale. Recherches sur les chaînes de montagnes et la climatologie comparée.* 3 vols. 8vo. *Paris*, 1843.
- . *Aspects of Nature in different Lands in different Climates; with scientific elucidations.* Translated by Mrs. Sabine. 2 vols. 8vo. *London*, 1849.
- . *Cosmos: A sketch of a physical description of the Universe.* Translated by E. C. Otté. 4 vols. 8vo. *London*, 1849.
- . See **BUCH** (Leopold von), **PICTET** (J. F.), and **TAYLOR** (John).
- and **Bonpland** (A.). *Voyage aux régions équinoxiales du Nouveau Continent, fait en 1799, 1800, 1801, 1802, 1803 et 1804, par A. de Humboldt et A. Bonpland.* 4 vols. 8vo. *Paris*, 1816–17.
- , and **Brochant de Villiers** (A. J. M.). *Ueber Canzocolli unweit Predazzo in Südtirol.* (Tract.) 8vo. *Innsbruck*, 1826.
- Hume** (A.). *The Learned Societies and Printing Clubs of the United Kingdom.* 8vo. *London*, 1847.
- Hummel** (David). See **SURVEYS: SWEDEN.**
- Humphreys** (A. A.). See **SURVEYS: UNITED STATES.**
- and **Abbot** (H. C.). *Report upon the Physics and Hydraulics of the Mississippi River.* 4to. *Philadelphia*, 1861.
- Hunt** (E. B.). *On the Origin, Substructure, and Chronology of the Florida Reef.* (Tract.) 8vo. *New Haven*, 1863.
- Hunt** (James). *Introductory Address on the Study of Anthropology.* (Tract.) 8vo. *London*, 1863.
- . *Anniversary Address, delivered before the Anthropological Society of London, 1864.* 8vo. *London*, 1864.
- . *Anniversary Address delivered before the Anthropological Society of London, 1865.* (Tract.) 8vo. *London*, 1865.
- . *On Physio-anthropology, its aim and method.* (Tract.) 8vo. *London*.
- . See **VOGT** (Carl).
- Hunt** (Robert). *A popular Treatise on the art of Photography, including Daguerriéotype, etc.* (Tract.) 8vo. *Glasgow*, 1841.
- . *Particulars of the Earthquake felt in Parts of Cornwall on Feb. 17, 1842.* (Tract.) 8vo. *Penzance*, 1842.
- . *On the Importance of cultivating Habits of Observation.* 8vo. *London*, 1851.
- . *Note on Coal raised and Iron made at present (1852) in South Staffordshire.* 8vo. *London*, 1853.
- . *Statistics of the Produce of Copper, Tin, Lead, and Silver from the Mines of the United Kingdom.* 8vo. *London*, 1853.
- . *Mining Records.* 8vo. *London*, 1856–57.
- . *A descriptive Guide to the Museum of Practical Geology.* 8vo. *London*, 1857.
- . *On the Mines, Minerals, and Miners of the United Kingdom.* (Tract.) 2 copies. 8vo. *London*, 1863.
- . See **EXHIBITION OF 1862**; **JUKES** (J. Beete); **REPORTS, PARLIAMENTARY, Mines**; and **SURVEYS, GREAT BRITAIN.**
- Hunt** (Thomas Sterry). *Note sur les sources acides et les gypses du Haut Canada.* (Tract.) 4to. *Paris*, 1855.

- Hunt** (Thomas Sterry). Contributions to the history of Euphotide and Saussurite. (Tract.) 8vo. *New Haven*, 1859.
- . On some points in Chemical Geology. (Tract.) 8vo. *Montreal*, 1859.
- . Review.—On some points in the Geology of the Alps. (Tract.) 8vo. *New Haven*, 1859.
- . On some Reactions of the Salts of Lime and Magnesia, and on the Formation of Gypsums and Magnesian Rocks. (Tract.) 8vo. *New Haven*, 1859.
- . On some points in American Geology. (Tract.) 8vo. *New Haven*, 1861.
- . Notes on Iron and Iron-ores. (Tract.) 8vo. *Montreal*, 1870.
- . The Geognosy of the Appalachians and the Origin of Crystalline Rocks. Address to the American Association for the Advancement of Science. (Tract.) 8vo. *Salem*, 1871.
- . The Coal and Iron of Southern Ohio, considered with relation to the Hocking-valley Coal-field and its Iron-ores. 8vo. *Salem, Mass.*, 1874.
- . Chemical and Geological Essays. 8vo. *London and Boston, Mass.*, 1875.
- . See LOGAN (*Sir W. E.*).
- , and Michel (*A.*). Reports on the Gold Region of the county of Hastings. (Tract.) 8vo. *Montreal*, 1867.
- Hunter** (John). Account of some remarkable Caves in the Principality of Bayreuth, and of the fossil bones found therein. (Tract.) 4to. *London*, 1793.
- . Observations and Reflections on Geology. 4to. *London*, 1859.
- Hunter** (Robert). The Encyclopædic Dictionary. Vol. I. A–Aab. 4to. *London*, 1880.
- Hunter** (W. Perceval). See AZARA (*Felix de*).
- Huntington** (J. H.). See HITCHCOCK (*C. H.*); and SURVEYS, NEW HAMPSHIRE, Geology.
- Huot** (J. J. N.). Résumé géologique sur les ossements fossiles. 8vo. *Paris*, 1826.
- . Nouveau manuel complet de géologie. Nouvelle édition, par M. C. d'Orbigny. 8vo. *Paris*, 1852.
- Hupé** (H.). See DUJARDIN (*F.*).
- Hüpsch** (J. G. C. A. von). Nouvelles découvertes de quelques testacés pétrifiés rares et inconnus; pour servir à l'histoire naturelle de la Bas-Allemagne, etc. Traduit de l'allemand. (Tract.) 8vo. *Cologne, Frankfurt, and Leipzig*, 1771.
- Hutchinson** (Thomas J.). Two Years in Peru, with exploration of its antiquities. 2 vols. 8vo. *London*, 1873.
- Hutchison** (Graham). Essays on unexplained Phenomena. 8vo. *Glasgow*, 1838.
- Hutton** (C.). See WHITEHURST (*John*).
- Hutton** (Frederick Wollaston). Lecture on the Formation of Mountains. (Tract.) 8vo. *Wellington*, 1872.
- . Class-book of Elementary Geology. 8vo. *London and Liverpool*, 1875.
- . See REPORTS, COLONIAL, New Zealand; and SURVEYS, NEW ZEALAND.

- Hutton** (Frederick Wollaston) and **Ulrich** (G. H. F.). Report on the Geology and Gold-fields of Otago, with Appendices by J. G. Black and J. McKerrow. 8vo. *Dunedin, N. Z.*, 1875.
- Hutton** (James). Biographical Notice. See **PLAYFAIR** (John).
- . Theory of the Earth, with proofs and illustrations. In four parts. 2 vols. 8vo. *Edinburgh*, 1795.
- . Illustrations of the Theory of the Earth. Chapters iv. to ix. inclusive. 4to. MS.
- Hutton** (Thomas). Apparent Objections to the Glacial Theory. (Tract.) 8vo. *Calcutta*, 1844.
- . Note on the Geology and Mineralogy of Afghanistan. (Tract.) 8vo. *Calcutta*, 1846.
- . The Chronology of Creation, or Geology and Scripture reconciled. 8vo. *Calcutta*, 1850.
- . Pre-Adamite Death. Proved to be a geological delusion. (Tract.) 8vo. *Agra*, no date.
- Hutton** (William). Notes on the New Red Sandstone of the County of Durham, below the Magnesian Limestone. (Tract.) 4to. *Newcastle*, 1830.
- . On the stratiform Basalt associated with the Carboniferous Formation of the North of England. (Tract.) 4to. *Newcastle*, 1832.
- . See **LINDLEY** (John).
- Huxley** (Thomas Henry). On the Educational Value of the Natural History Sciences. (Tract.) 8vo. *London*, 1854.
- . On the *Stagonolepis Robertsoni*, Agassiz, of the Elgin Sandstones, and on the recently discovered Footmarks in the Sandstones of Cummingstone. (Tract.) 2 copies. 8vo. *London*, 1859.
- . The oceanic Hydrozoa; a description of the Calycophoridae and Physophoridae observed during the voyage of H.M.S. 'Rattlesnake' in 1846–50. (Ray Society.) 4to. *London*, 1859.
- . Evidence as to Man's Place in Nature. 8vo. *London and Edinburgh*, 1864.
- . An Introduction to the Classification of animals. 8vo. *London*, 1869.
- . Physiography; an introduction to the study of nature. 8vo. *London*, 1877.
- . Honorary degree of LL.D. Cantab. conferred upon him. See **CAMBRIDGE**, Speeches by the public orator.
- . See **MURCHISON** (*Sir Roderick Impey*); **SURVEYS, GREAT BRITAIN**; and **TYNDALL** (John).
- and **Etheridge** (Robert). A Catalogue of the Collection of Fossils in the Museum of Practical Geology, [illustrated in manuscript on the margins by H. C. Barlow]. 8vo. *London*, 1865.
- and **Hawkins** (B. Waterhouse). An elementary Atlas of Comparative Osteology. 4to. *London*, 1864.
- Huzard** (J. B.). Notice sur sa bibliothèque. (Tract.) 8vo. *Paris*, 1839.
- Hyatt** (Alpheus). The fossil Cephalopods of the Museum of Comparative Zoology. (Tract.) 8vo. *Cambridge, Mass.*, 1863.
- Hyett** (W. Henry). Heights of some Points of the Cotswold Hills, with some experiments with the aneroid barometer. (Tract.) 8vo. *London*, 1850.

I.

- Ian** (Giorgio). See CRISTOFORIS (Giuseppe de).
- Iasikow** (Pierre de). See FISCHER DE WALDHEIM (G.).
- Ibbetson** (L. L. Boscawen). Typorama, a modelled View of the Undercliff in the Isle of Wight. Description. (Tract.) 8vo. *London*, 1838.
- . On the possible Origin of Veins of Gold in Quartz and other Rocks. (Tract.) 8vo. *London*, 1856.
- Ibn Batūta**. The Travels of Ibn Batuta, translated from the abridged Arabic manuscript copies preserved in the public library of Cambridge, with notes by the Rev. Samuel Lee. (Tract.) 4to. *London*, 1829.
- Idestam** (Gustavus). Tentamen chemico-mineralogicum de Granatis, complectens analysin Granati orijerviensis. (Tract.) 4to. *Abo*, 1819.
- Idman** (Gustav). See BONSDOUFF (Peter Adolph).
- Igelström** (L. J.). On the occurrence of thick beds of bituminous gneiss and mica schist in the Nullaberg, parish of Östmark, province of Wermland, in Sweden, with note on the mineral character of the rock by A. E. Nordenskiöld, and a chemical analysis of the rock by F. L. Ekman. (Tract.) 2 copies. 8vo. *Stockholm*, 1867.
- * * The pamphlet is entitled "On the existence of rocks containing organic substances in the fundamental gneiss of Sweden."
- Image** (Thomas). Catalogue (sale) of his fine collection of fossils and minerals, etc. (Tract.) 8vo. *Bury St. Edmunds*, 1856.
- Imperial Gazetteer**. See BLACKIE (W. G.).
- Imrie** (Col. —). A description and section of the Grampian mountains from the plain of Kincardineshire to the summit of Mount Battock. (Tract.) 4to. *Edinburgh*, 1811.
- . On preparing specimens of rocks. (Tract.) 4to. Manuscript. No date.
- India**. Abstract of the Reports of the Surveys and of other Geographical Operations in India for 1869–70. (Tract.) 8vo. *London*, 1871.
- . A Catalogue of Maps of the British Possessions in India and other parts of Asia. (Tract.) 8vo. *London*, 1870.
- . ——. A continuation. (Tract.) 8vo. *London*, 1872.
- . Selections from the Records of the Government of India (Home Department). No. XXV. The Andaman Islands; with notes on Barren Island. (By F. J. Mouat.) 8vo. *Calcutta*, 1859.
- . Geological Papers on Western India. See CARTER (Henry J.).
- Indostranzeff** (A.). Studien über metamorphosirte Gesteine im Gouvernement Olonez. 8vo. *Leipzig*, 1879.
- Inglefield** (E. A.). See ADMIRALTY PUBLICATIONS.
- Inman** (W. S.). See PORTAL (Frédéric de).
- Irby** (J. R. McD.). On the Crystallography of Calcite. (Tract.) 8vo. *Bonn*, 1878.
- Ireland**. First and Second Reports of the Commissioners appointed to inquire into the nature and extent of the Bogs in Ireland; with appendices. (First Report in duplicate.) Fcap. fol.; Atlas, fol. *London*, 1810.

- Ireland.** First Report. (Reprint.) 8vo. *Dublin*, 1810.
 —. The Postchaise Companion through Ireland. 3rd edition. 8vo. *Dublin*, 1805.
Irgens (M.) and Hiortdahl (Th.). Beretning om de vigtigste resultater af en i sommeren 1863 foretaget geologisk undersøgelse af Kysten af nordre Bergenhus Amt. (Tract.) 8vo. *Christiania*, 1863.
 —. —. Om de geologiske forhold paa kyststrækningen af nordre Bergenhus Amt. (Tract.) 4to. *Christiania*, 1864.
 —. —. See also **HIORTDAHL (Th.)**
Irvine (William). Letters on Sicily. 8vo. *London*, 1813.
Issel (Arturo). Malakologia del Mar rosso. 8vo. *Pisa*, 1869.
Italy. Cataloghi della collezione centrale italiana di Paleontologia. Catalogo No. 1. Raccolta degli oggetti de' così detti tempi preistorici, compilato da Igino Cocchi. 8vo. *Florence*, 1871.
 —. Repertorio italiano per la storia naturale. See **BIANCONI (J. J.)**.
 —. See **EXHIBITION OF 1862**.
Ives (Joseph C.). Memoir to accompany a Military Map of the Peninsula of Florida, south of Tampa Bay. (U.S. War Department.) 8vo. *New York*, 1856.
 —. Report upon the Colorado River of the West. 4to. *Washington*, 1861.

J.

- Jaccard (August).** See **SURVEYS: SWITZERLAND.** Matériaux pour la Carte géologique de la Suisse.
Jack (Robert L.). On "Wants" in Ironstone Seams, and their Connexion with Faults. (Tract.) 8vo. *London*, 1871.
 —. Notes on a Till or Boulder-Clay with Broken Shells in the lower Valley of the River Endrick, near Loch Lomond, and its Relation to certain other Glacial Deposits. (Tract.) 8vo. *Glasgow*, 1874.
 —. See **REPORTS, COLONIAL.** Queensland.
Jackson (Charles T.). Remarks on the Alabama Meteoric Iron, with a Chemical Analysis of the Drops of Green Liquid which exude from it. (With a) Letter from Mr. A. A. Hayes on the same subject, with remarks on the origin of the chlorine found in the Alabama iron, etc. (Tract.) 8vo. *Boston*, 1844.
 —. On the Geological Structure of Keweenaw Point. (Tract.) 8vo. *Boston*, 1850.
 —. Remarks on the Geology, Mineralogy, and Mines of Lake Superior. (Tract.) 8vo. *Boston*, 1850.
 —. Report on the Albert Coal Mine. (Tract.) 8vo. *Boston*, 1851.
 —. See **SURVEYS: MAINE, MASSACHUSETTS, MICHIGAN, NEW HAMPSHIRE, and RHODE ISLAND.**
 — and **Alger (Francis).** Remarks on the Mineralogy and Geology of the Peninsula of Nova Scotia. (Tract.) 4to. *Cambridge*, 1832.
Jackson (J. R.). Observations on Lakes. (Physico-geographical Essays: Essay I.) 4to. *London*, 1833.
 —. What to observe; or the Traveller's Remembrancer. 8vo. *London*, 1841.

Jackson (W. H.). See SURVEYS: UNITED STATES. Geological Survey of the Territories.

Jacob (Edward). *Plantæ Favershamienses.* A Catalogue of the more perfect Plants growing spontaneously about Faversham, in the County of Kent; with an Appendix exhibiting a short view of the Fossil Bodies of the adjacent Island of Sheppey.

8vo. *London*, 1777.

Jäger (Georg Friedrich). Ueber die Pflanzenversteinerungen, welche in dem Bausandstein von Stuttgart vorkommen. (Tract.)

4to. *Stuttgart*, 1827.

——. Ueber die fossilen Reptilien, welche in Württemberg aufgefunden worden sind.

4to. *Stuttgart*, 1828.

——. Ueber die fossilen Säugethiere, welche in Württemberg aufgefunden worden sind.

Fol. *Stuttgart*, 1835.

——. Ueber die fossilen Säugethiere Württembergs. (Tract.)

4to. *Breslau and Bonn*, 1850.

Jäger (Gustav). See NOVARA EXPEDITION.

James (Sir Henry). Instructions for taking Meteorological Observations.

8vo. *London*, 1860.

——. Abstracts of the principal Lines of Spirit-levelling in England and Wales (Ordnance Survey).

4to. *London*, 1861.

——. Extension of the Triangulation of the Ordnance Survey into France and Belgium.

4to. *London*, 1863.

——. Note on the Block of Tin dredged up in Falmouth Harbour. (Tract.)

8vo. *London*, 1863.

——. See CLARKE (A. R.); and SURVEYS, GREAT BRITAIN.

Jameson (Robert). An Outline of the Mineralogy of the Shetland Islands, and of the Island of Arran.

8vo. *Edinburgh*, 1798.

——. Mineralogy of the Scottish Isles; with mineralogical observations made in a tour through different parts of the mainland of Scotland, and dissertations upon peat and kelp.

4to. *Edinburgh and London*, 1800.

——. Description of several Varieties of the Precious Stone named Zircon, imbedded in Sienite, in Galloway. (Tract.)

8vo. *Edinburgh*, 1801.

——. System of Mineralogy. 3 vols.

8vo. *Edinburgh*, 1804–1808.

——. A Mineralogical Description of the County of Dumfries. (Tract.)

8vo. *Edinburgh*, 1805.

——. A Treatise on the External Characters of Minerals.

8vo. *Edinburgh*, 1805.

——. A Treatise on the External, Chemical, and Physical Characters of Minerals. 2nd edition.

8vo. *Edinburgh*, 1816.

——. ———. 3rd edition.

8vo. *Edinburgh*, 1817.

——. On Conglomerated or Brecciated Rocks. (Tract.)

8vo. *Edinburgh*, 1811–16.

——. On Porphyry. (Tract.)

8vo. *Edinburgh*, 1811–16.

——. Outline of the Mineralogy of the Pentland Hills. (Tract.)

8vo. *Edinburgh*, 1811–16.

——. On the Black Lead or Graphite of Borrodale, of Ayrshire, and of Glenstrathfarrar. (Tract.)

8vo. *Edinburgh*, 1819.

——. On the Geognostical Relations of Granite, Quartz-Rock, and Red Sandstone. (Tract.)

8vo. *Edinburgh*, 1819.

Jameson (Robert). Secondary Greenstone and Wacke not of Volcanic Origin; Veins which connect Mineral Beds together, not confined to Trap-rocks; and Trap Veins (Whindikes) probably of Contemporaneous Formation with the Trap-rocks which they traverse. (Tract.) 8vo. *Edinburgh*, 1819.

——. See BUCH (Leopold von) and CUVIER (G.).

Jamieson (Thomas F.). On the Action of the Atmosphere upon newly-deepened Soil. (Tract.) 8vo. *London*, 1857.

——. List of Altitudes in the Counties of Aberdeen, Banff, and Kincardine. (Tract.) 8vo. *Aberdeen*, 1859.

——. The Tweeddale Prize Essay on The Rainfall. (Tract.) 8vo. *Edinburgh*, 1860.

Jan (Giorgio). See CRISTOFORIS (Gius. de').

Jannettaz (Edouard). A Guide to the Determination of Rocks. Translated by George W. Plympton. 8vo. *New York*, 1877.

Jardin (Édéléstant). Essai sur l'histoire naturelle de l'Archipel des Marquises. 8vo. *Paris* and *Cherbourg*, 1862.

Jardine (Sir William). The Ichnology of Annandale, or Illustrations of Footmarks impressed on the New Red Sandstone of Corncockle Muir. Fol. *Edinburgh*, 1853.

——. Memoirs of Hugh Edward Strickland. 8vo. *London*, 1858.

Jars (Gabriel) Voyages métallurgiques, etc. 4to. *Lyons*, 1776–81.

Jasche (Christoph Friedrich). Das Wissenswertigste aus der Gebirgskunde zusammengetragen. Fol. *Büchenberg*, 1811.

Jasikow (Pierre de). See FISCHER DE WALDHEIM (G.).

Jaubert (Comte de). Notice sur la vie et les travaux de M. Cordier. (Tract.) 2 copies. 8vo. *Paris*, 1865.

Jeanjean (B.). See SERRES (Marcel de).

Jeffcock (John T.). Parkin Jeffcock, Civil and Mining Engineer. A Memoir. 8vo. *London* and *Derby*, 1867.

Jefferson (Thomas). Eulogium. See BIDDLE (Nicholas).

Jeffreys (John Gwyn). Notes on Swiss Mollusca. (Tract.) 8vo. *London*, 1855.

——. On the Marine Testacea of the Piedmontese Coast. (Tract.) 8vo. *London*, 1856.

——. Sui testacei marini delle coste del Piemonte. Traduzione con note ed un catalogo speciale per il golfo della Spezzia, del prof. G. Capellini. (Tract.) 2 copies. 8vo. *Genoa*, 1860.

——. Remarks on Mr. M'Andrew's "Note on the comparative Size of Marine Mollusca in various Latitudes of the European Seas." (Tract.) 8vo. *London*, 1860.

——. Report of the Results of Deep-sea Dredging in Zetland; with a Notice of several Species of Mollusca new to Science or to the British Isles. (Tract.) 8vo. *London*, 1861.

——. British Conchology, or an account of the Mollusca which now inhabit the British Isles and the surrounding seas. 5 vols. 8vo. *London*, 1862.

——. Report of the Committee for Dredging on the North and East Coasts of Scotland. (Tract.) 8vo. *London*, 1862.

——. Report of the Committee appointed for exploring the Coasts of Shetland by means of the Dredge. (Tract.) 8vo. *London*, 1863.

- Jeffreys** (John Gwyn). The Upper Tertiary Fossils at Uddevalla, in Sweden. (Tract.) 8vo. *London*, 1863.
- . Report on Shetland Dredgings. (Tract.) 8vo. *London*, 1865.
- . Report on Dredging among the Hebrides. (Tract.) 8vo. *London*, 1866.
- . Fourth Report on Dredging among the Shetland Isles. (Tract.) 8vo. *London*, 1867.
- . Last Report on Dredging among the Shetland Isles. (Tract.) 8vo. *London*, 1868.
- . Mediterranean Mollusca. (Tract.) 8vo. *London*, 1870.
- . Norwegian Mollusca. (Tract.) 2 copies. 8vo. *London*, 1870.
- . The Mollusca of Europe compared with those of Eastern North America. (Tract.) 8vo. *London*, 1872.
- . Address to the Biological Section of the British Association, Plymouth, 16th August, 1877. (Tract.) 8vo. *London*, 1877.
- . The Post-Tertiary Fossils procured in the late Arctic Expedition; with notes on some of the Recent or Living Mollusca from the same Expedition. (Tract.) 8vo. *London*, 1877.
- . See CARPENTER (William Benjamin), FEILDEN (H. W.), "PORCUPINE EXPEDITION," and "VALOROUS EXPEDITION."
- Jeffries** (David). A Treatise on Diamonds and Pearls. 8vo. *London*, 1871.
- Jeitteles** (Ludwig Heinrich). Bericht über das Erdbeben am 15. Jänner 1858 in den Karpathen und Sudeten. (Tract.) 8vo. *Vienna*, 1859.
- . Versuch einer Geschichte der Erdbeben in den Karpathen- und Sudeten-Ländern bis zu Ende des achtzehnten Jahrhunderts. (Tract.) 8vo. *Berlin*, 1860.
- . See MALLET (Robert).
- Jenkins** (Henry Michael). See DUNCAN (Peter Martin).
- Jennings** (Francis M.). On an Analysis of the Potash and Soda Felspars of one of the Dublin mountains. (Tract.) 8vo. *London*, 1855.
- . On the Lakes and Rivers of Damascus. (Tract.) 8vo. *London*, 1858.
- Jentzsch** (Alfred). Die geologische und mineralogische Literatur des Königreiches Sachsen von 1835 bis 1873. [Geologische Landesuntersuchung des Königr. Sachsen.] 8vo. *Leipzig*, 1874.
- . Bericht über die geologische Durchforschung der Provinz Preussen im Jahre 1876. (Tract.) 4to. *Königsberg*, 1877.
- Jenyns** (Leonard). A Manual of British vertebrate animals. 8vo. *Cambridge and London*, 1835.
- . Some Remarks on the Study of Zoology, and on the present state of the science. (Tract.) 8vo. *Edinburgh*, 1837.
- . Memoir of the Rev. John Stevens Henslow. 8vo. *London*, 1862.
- . Observations in Meteorology. 8vo. *London*, 1863.
- . Phosphatic Nodules obtained in the Eastern Counties for agricultural purposes. (Tract.) 8vo. *Bath*, 1866.
- Jenzsch** (Gustav). Beiträge zur Kenntniss einiger Phonolithe des böhmischen Mittelgebirges. (Tract.) 8vo. *Berlin*, 1856.
- . Considérations relatives à la partie minéralogique des Instructions pour l'Expedition scientifique brésilienne. (Tract.) 2 copies. 8vo. *Dresden*, 1857.

- Jenzsch (Gustav).** Die krystallisirte Kieselsäure ist Dimorph. (Tract.)
8vo. *Berlin*, 1858.
- . Die Verbreitung des Melaphyr und Sanidin-Quarzporphyr in dem im Jahre 1858 in Abbau stehenden Theile des Steinkohlenbassins von Zwickau im Königreich Sachsen. (Tract.) 8vo. *Berlin*, 1858.
- . Ueber des Herrn Geinitz Bemerkungen zu meiner Abhandlung, die Verbreitung des Melaphyrs und Sanidin-quarzporphyrs in der Gegend von Zwickau. (Tract.) 8vo. *Berlin*, 1858.
- . Lithologie, die Basis der rationellen Geologie. (Tract.)
8vo. *Leipzig*, 1858.
- . Neugebildete Sanidin- (glasige Feldspath-) Krystalle. (Tract.)
8vo. *Leipzig*, 1858.
- . Ueber die Krystallform des Kupferoxydes. (Tract.)
8vo. *Leipzig*, 1859.
- . Bemerkungen über optisch zweiaxige Turmaline. (Tract.)
8vo. *Leipzig*, 1859.
- . Ueber eine mikroskopische Flora krystallinischer Massengesteine (Eruptivgesteine). (Tract.) 8vo. *Leipzig*, 1868.
- . Ueber die am Quarze vorkommenden Gesetze regelmässiger Verwachsung mit gekreuzten Hauptaxen. (Tract.) 8vo. *Erfurt*, 1870.
- . Zur Erinnerung an Dr. Gustav Jenzsch. (Tract.)
8vo. *Dresden* 1878.
- Jerdan (William).** Illustrations of the Plan of a National Association for the Encouragement and Protection of Authors, and men of talent and genius. (Tract.) 8vo. *London*, 1839.
- . See BERNEAUD (Arsenne Thiébaud de).
- Jervis (William Paget [Guglielmo]).** The Mansfeld Copper-slate Mines in Prussian Saxony. (Tract.) 8vo. *London*, no date.
- . Mineral Resources of Tuscany. II. (Tract.)
8vo. *London*, 1860.
- . Mineral Resources of Tuscany. VI. (Tract.)
8vo. *London*, 1860.
- . On the History, Geological and Geographical Distribution, and Commercial Bearing of the Marbles of Tuscany and Modena, and of the Boracic acid Lagoons of the Maremma. (Tract.)
8vo. *London*, 1860.
- . The Marbles and Boracic acid Lagoons of Tuscany. (Tract.)
8vo. *London*, 1860.
- . The Mineral Resources of Central Italy. 8vo. *London*, 1862.
- . Supplement to the Mineral Resources of Central Italy. (Tract.)
8vo. *London*, 1868.
- . Guida alle Acque Minerali d'Italia, cenni storici e geologici, coll' indicazione delle proprietà fisiche, chimiche e mediche delle singole sorgenti corredata di analisi chimiche. Provincie centrali. 2 copies. 8vo. *Turin*, 1868.
- . Cenni geologici sulle montagne poste in prossimità al giacimento di Antracite di Demonte. (Tract.) 8vo. *Turin*, 1873.
- . I Tesori sotterranei dell' Italia. 2 vols. 8vo. *Turin*, 1873-74.
- . Sul Giacimento di Carbon fossile antracitico di Demonte (presso Cuneo), Studi geologici, tecnici, industriali. (Tract.)
8vo. *Milan*, 1875.

- Jervis** (William Paget [*Guglielmo*]). The Anthracite Coal of Demonte, near Cuneo, in the Italian Alps. (Tract.) 2 copies.
8vo. *London*, 1875.
- . I combustibili minerali d'Italia. 8vo. *Turin*, 1879.
- Jerwood** (James). A Lecture on the new Planet Neptune, and its discovery. (Tract.) 8vo. *London*, 1849.
- . A Dissertation on the Rights to the Sea Shores, and to the soil and bed of Tidal Harbours and Navigable Rivers. 8vo. *London*, 1850.
- . On the Application of Weight to test the Figure of the Earth. (Tract.) 8vo. *Plymouth*, 1869.
- Jevons** (W. Stanley). The Coal Question; an inquiry concerning the progress of the nation, and the probable exhaustion of our Coal-mines. 8vo. *London and Cambridge*, 1865.
- Jewett** (Charles C.). Notices of Public Libraries in the United States of America. [Smithsonian Reports.] (Tract.) 8vo. *Washington*, 1851.
- . On the Construction of Catalogues of Libraries, etc. 2nd edition. [Smithsonian Reports.] (Tract.) 8vo. *Washington*, 1853.
- Jirasek** (Johann), **Hänke** (T.), **Gruber** (T.), and **Gerstner** (F.). Beobachtungen auf Reisen nach dem Riesengebirge. 4to. *Dresden*, 1788–91.
- Jobert** (Antoine C. Gabriel). The Philosophy of Geology. 8vo. *London and Paris*, 1846.
- . Ideas or Outlines of a new System of Philosophy. 2 vols. 8vo. *London*, 1848.
- . See **BOUÉ** (A.) and **CROIZET** (—).
- John** (Conrad). See **STACHE** (Guido).
- Johnson** (C. W.). See **WESTALL** (Edward).
- Johnson** (Christopher). See **MENECHINI** (G.).
- Johnson** (James). A [sale] Catalogue of his celebrated and extensive collection of Fossils, Minerals, etc. (Tract.) 8vo. *Bristol*, 1845.
- Johnson** (M. Hawkins). Flint. (Tract.) 8vo. *London*, 1871.
- . The nature and formation of Flint and allied bodies. (Tract.) 8vo. *London*, 1874.
- Johnson** (Walter R.). A report to the Navy Department of the United States on American Coals. 8vo. *Washington*, 1844.
- Johnston** (Alexander Keith). The Physical Atlas; a series of maps and notes illustrating the geographical distribution of Natural Phenomena. 2 vols. Fol. *Edinburgh, Glasgow, London, and Dublin*, 1848.
- . Historical notice of the Progress of the Ordnance Survey in Scotland. With remarks on the Scale adopted for the Ordnance Map of Scotland. (Tract.) 2 copies. 8vo. *Edinburgh*, 1851.
- Johnston** (George). A History of the British Zoophytes. 8vo. *Edinburgh*, 1838.
- Johnston** (James F. W.). [Account of the] Meeting of the Cultivators of Natural Science and Medicine at Hamburg, in September 1830. (Tract.) 8vo. *Edinburgh*, 1831.
- . On a gradual elevation of the Land in Scandinavia. (Tract.) 8vo. *Edinburgh*, 1833.
- . The Economy of a Coal-field. (Tract.) 2 copies. 8vo. *Durham*, 1838.

- Johnston (James F. W.).** Elements of Agricultural Chemistry and Geology. 8vo. *Edinburgh and London*, 1842.
- . Lectures on Agricultural Chemistry and Geology. 8vo. *Edinburgh and London*, 1847.
- . Contributions to Scientific Agriculture. 8vo. *London*, 1849.
- . Elements of Agricultural Chemistry and Geology. 3rd edition. 8vo. *Edinburgh and London*, 1864.
- . See **REPORTS, COLONIAL.** New Brunswick.
- Johnston (Margaret).** See **MEYEN (F. J. F.).**
- Johnston (R. M.).** Further notes on the Tertiary Marine Beds of Table Cape, Tasmania. (Tract.) 8vo. *Hobart Town*, 1876.
- See also **WOODS (J. E. Tenison-).**
- Johnstrup (Fr.).** Grönsandslagene i Danmark. (Tract.) 8vo. *Copenhagen*, 1872.
- . Om Kullagene paa Færøerne samt Analyser af de i Danmark og de nordlige Bilande forekommende Kul. (Tract.) 2 copies. 8vo. *Copenhagen*, 1873.
- . Om Hævningsfænomenerne i Möens Klint. 8vo. *Copenhagen*, 1874.
- . Oversigt over de palæozoiske Dannelser paa Bornholm. (Tract.) 8vo. *Copenhagen*, 1874.
- . Om Grönsandet i Sjælland. (Tract.) 8vo. *Copenhagen*, 1876.
- . Indberetning om den . . . foretagne Undersøgelsesreise paa Island i sommeren 1876. (Tract.) 8vo. *Copenhagen*, 1877.
- . Gieseckes Mineralogiske Rejse i Grønland, med et tillæg om de Grønlandske stednavnes Retskrivning og etymologie af Dr. H. Rink. 8vo. *Copenhagen*, 1878.
- Jolly (P. G.).** Ueber die Physik der Molecularkräfte. (Tract.) 4to. *Munich*, 1857.
- Joly (N.) and Leymerie (A.).** Mémoire sur les Nummulites considérées zoologiquement et géologiquement. (Tract.) 8vo. *Toulouse*, 1848.
- Jomard (E. François).** Rapport fait à l'Académie Royale des Inscriptions et Belles-lettres sur un pied romain trouvé dans la forêt de Maulevrier, près de Caudebec. (Tract.) 4to. *Paris*, 1839.
- . Observations sur le Voyage au Darfour, suivies d'un vocabulaire de la langue des habitants et de remarques sur le Nil-blanc supérieur. (Tract.) 8vo. *Paris*, 1845.
- . Rapport sur le concours au prix annuel [Société de Géographie] pour la découverte la plus importante en géographie. (Tract.) 8vo. *Paris*, 1851.
- . Remarques au sujet du Voyage du Docteur Barth dans l'Adamawa. (Tract.) 8vo. *Paris*.
- Jones (John).** Rambles round Chard with a hammer. 8vo. *Chard*, 1860.
- . Notes on the Geology of the Midland Counties. (Tract.) 8vo. *Birmingham and London*, 1866.
- Jones (John Mathew).** The Naturalist in Bermuda: a sketch of the Geology, Zoology, and Botany of that remarkable group of Islands, etc. 8vo. *London*, 1859.
- Jones (Thomas Rupert).** A monograph of the Entomostraca of the Cretaceous Formation of England. [Palæontographical Society.] 4to. *London*, 1849

- Jones** (Thomas Rupert). Description of the Entomostraca of the Pleistocene Beds of Newbury, Copford, Clacton, and Grays. (Tract.) 8vo. London, 1850.
- . Tunicata. (Tract.) 8vo. London, 1850.
- . A Catalogue of British Fossils, comprising the genera and species hitherto described, etc., by John Morris. [Review.] (Tract.) 8vo. London, 1852.
- . A Lecture on the Geological History of the vicinity of Newbury, Berks. (Tract.) 8vo. London, 1854.
- . A Monograph of the Tertiary Entomostraca of England. [Palæontographical Society.] 4to. London, 1857.
- . A Monograph of the Fossil *Estherie*. [Palæontographical Society.] 4to. London, 1862.
- . On Fossil *Estherie* and their distribution. (Tract.) 2 copies. 8vo. London, 1863.
- . On the oldest known Fossil, *Eozoon canadense*, of the Laurentian Rocks of Canada. (Tract.) 8vo. London, 1865.
- . Bivalved Entomostraca, Recent and Fossil. (Tract.) 8vo. London, 1868.
- . On the Palæozoic Bivalved Entomostraca. (Tract.) 8vo. London, 1869.
- . Notes on the Cretaceous Entomostraca. (Tract.) 8vo. London, 1870.
- . Notes on the Tertiary Entomostraca of England. (Tract.) 8vo. London, 1870.
- . On some Bivalved Entomostraca from the Coal-measures of South Wales. (Tract.) 8vo. London, 1870.
- . On the Primæval Rivers of Britain. (Tract.) 8vo. London, 1870.
- . On Ancient Water-fleas of the Ostracodous and Phyllopodous Tribes—Bivalved Entomostraca. (Tract.) 8vo. London, 1870-73.
- . On the Diamond Fields of South Africa. (Tract.) 8vo. London, 1871.
- . The Geology of the Kennet valley. (Tract.) 8vo. Newbury, 1871.
- . On the Geology of the Kingsclere valley. (Tract.) 8vo. London, 1871.
- . Notes on some Fossils from the Devonian Rocks of the Witzenberg Flats, Cape Colony. (Tract.) 8vo. London, 1872.
- . On some Bivalved Entomostraca, chiefly Cypridinidæ, of the Carboniferous Formation. (Tract.) 8vo. London, 1873.
- . On some Foraminifera in the Chalk of the North of Ireland. (Tract.) 8vo. Dublin, 1873.
- . On the Jurassic Foraminifera of Switzerland. (Tract.) 8vo. London, 1873.
- . On the Range of Foraminifera in Time. (Tract.) 8vo. London, 1873.
- . Notes on some Silurian Entomostraca from Peeblesshire. (Tract.) 2 copies. 8vo. London, 1874.
- . Report of the Excursion of the Geologists' Association to Guildford and Chilworth, 1872. (Tract.) 8vo. London, 1874.

- Jones (Thomas Rupert). Manual of the Natural History, Geology, and Physics of Greenland and the neighbouring regions, prepared for the use of the Arctic Expedition of 1875, under the direction of the Arctic committee of the Royal Society. 8vo. London, 1875.
- . Note on an Annelid Bed in the Gault of Kent. (Tract.) 8vo. London, 1875.
- . Notice of Dawson's 'Dawn of Life.' (Tract.) 8vo. London, 1876.
- . On Quartz, Chalcedony, Agate, Flint, Chert, Jasper, and other Forms of Silica, geologically considered. (Tract.) 8vo. London, 1876.
- . Remarks on the Foraminifera, with especial reference to their variability of Form, illustrated by the Cristellarians. (Tract.) 8vo. London, 1876.
- . Report of the Visit of the Geologists' Association to the Museum of the Geological Society, and inspection of the South African collection, April 1st, 1876. (Tract.) 8vo. London, 1876.
- . The Antiquity of Man, illustrated by the contents of Caves and the Relics of the Cave-folk. (Tract.) 8vo. London, 1876.
- . Lecture on the Antiquity of Man; illustrated by the Contents of Caves and Relics of the Cave-folk. Revised and augmented. (Tract.) 8vo. London, 1877.
- . The late Professor Ch. G. Ehrenberg's Researches on the Recent and Fossil Foraminifera. (Tract.) 8vo. London, 1877.
- . William Harris, Esq., F.G.S. [Obituary Notice.] (Tract.) 8vo. London, 1877.
- . Caversham Chalk-pit. (Tract.) 8vo. Newbury, 1878.
- . Lecture on the Antiquity of Man. 8vo. London, 1878.
- . Notes on some Fossil Bivalved Entomostraca. (Tract.) 8vo. London, 1878.
- . On the Wealden Entomostraca. (Tract.) 8vo. London, 1878.
- . [Review of] Monographs published by the Palæontographical Society. Vols. xxxi. and xxxii., 1877-78. (Tract.) 8vo. London, 1879.
- . Description of the species of the Ostracodous Genus *Bairdia*, M'Coy, from the Carboniferous Strata of Great Britain. (Tract.) 8vo. London, 1879.
- . Notes on the Silurian Ostracoda which have been met with in the Girvan area. (Tract.) 8vo. London, 1879.
- . Notice of E. J. Dunn's Report on the Stormberg Coal-field and his Report on the Camdeboo and Nieuweldt Coal, Cape of Good Hope. (Tract.) 8vo. London, 1879.
- . On the Nature and Origin of Peat Bogs. (Tract.) 8vo. London, 1880.
- . On the Practical Advantages of geological knowledge. (Tract.) 8vo. London, 1880.
- . See AUSTIN (C. E.), CARPENTER (William Benjamin), DIXON (Frederick), GRIFFITH (J. W.), HISLOP (Stephen), LARTET (Edouard), MORRIS (John), PARKER (W. K.), RIBEIRO (Carlos), STOW (George William), and TATE (George).

- Jones** (Thomas Rupert) and **King** (C. Cooper). On some newly exposed Sections of the "Woolwich and Reading Beds" at Reading, Berks. (Tract.) 8vo. *London*, 1875.
- and **Kirkby** (James W.). On the Entomostraca of the Carboniferous Rocks of Scotland. (Tract.) 8vo. *Glasgow*, 1867.
- , —, and **Brady** (G. S.). A Monograph of the British Fossil Bivalved Entomostraca from the Carboniferous Formations. (Palæontographical Society.) 4to. *London*, 1874, etc.
- , —, —. —. Part I. 4to. *London*, 1874.
- , —, and **Holl** (H. B.). Notes on Palæozoic Bivalved Entomostraca. Nos. I.—VII. and IX.—XIII. (Tracts.) 8vo. *London*, 1855–79.
- See also **KIRKBY** (J. W.).
- and **Parker** (W. K.). On some Fossil Foraminifera from Chellaston, near Derby. (Tract.) 8vo. *London*, 1860.
- —. On the Rhizopodal Fauna of the Mediterranean, compared with that of the Italian and other Tertiary deposits. (Tract.) 8vo. *London*, 1860.
- —. On the Foraminifera of the Crag. (Tract.) 8vo. *London*, 1864.
- —. M. Terquem's Researches on the Foraminifera of the Lias and the Oolites. (Tract.) 8vo. *London*, 1871.
- —. On Ehrenberg's Foraminifera from the Chalk of Meudon, France. (Tract.) 8vo. *London*, 1871.
- —. On the Foraminifera of the Chalk of Gravesend and Meudon, figured by Prof. Dr. Chr. G. Ehrenberg. (Tract.) 8vo. *London*, 1871.
- —. Notes on Eley's Foraminifera from the English Chalk. (Tract.) 8vo. *London*, 1872.
- —. On the Foraminifera of the family Rotalinæ (Carpenter), found in the Cretaceous Formations; with notes on their Tertiary and recent representatives. (Tract.) 8vo. *London*, 1872.
- —. Notice sur les Foraminifères vivants et fossiles de la Jamaïque. Suivi de la description d'une espèce nouvelle des couches Miocènes de la Jamaïque, par H. B. Brady. (Tract.) 8vo. *Brussels*, 1876.
- —. On some Recent and Fossil Foraminifera dredged up in the English Channel. (Tract.) 8vo. *London*, 1876.
- , —, and **Brady** (H. B.). A Monograph of the Foraminifera of the Crag. (Palæontographical Society.) 8vo. *London*, 1866, etc.
- See also **PARKER** (W. K.).
- and **Whitaker** (William). Addresses to the Newbury-District Field-Club, September 17th, 1872, [1878], being remarks on the Chalk, Sands, and Clays exposed at Shaw Hill, near Newbury. (Tract.) 8vo. *Newbury*, 1878.
- Jones** (Thomas Rymer). See **SURVEYS: CANADA**.
- Jones** (William). Physiological Disquisitions; or Discourses on the Natural Philosophy of the Elements. 4to. *London*, 1781.
- Jones** (William Arthur). On the Geological Formations in the neighbourhood of Dunster. (Tract.) 8vo. *Taunton*, 1856.
- . The Geology and Antiquities of the Mendip Hills. (Tract.) 8vo. (Newspaper slips.) *Taunton*, 1857.

- Jones** (William Arthur). The Mendip Bone Caverns; or the Haunt of the Tiger and the Elephant, etc. (Tract.) 8vo. *Taunton*, 1857.
- . Report upon the Reconnaissance of North-western Wyoming. 8vo. *Washington*, 1875.
- Jordan** (Henry K.). A Catalogue of British Mollusca . . . compiled from Volumes I., II., and III. of Jeffreys's 'British Conchology.' Parts I. and II. (Tracts.) (Part I. in duplicate.) 8vo. *Bristol*, 1866–70.
- . The Pencoed, Mynydd-y-Gaer, and Gilfach Goch Mineral Districts. 8vo. *London*, 1876.
- Jordan** (James B.). Elementary Crystallography; with which is given a series of nets for the construction of models illustrative of the simple crystalline forms. [Murby's Text-Books.] 8vo. *London*, 1873.
- Jordan** (Johann Ludwig). Mineralogische und chemische Beobachtungen und Erfahrungen. 8vo. *Göttingen*, 1800.
- . Mineralogische berg- und hüttenmännische Reisebemerkungen vorzüglich in Hessen, Thüringen, am Rheine und im Seyn-Altenkirchner Gebiete. 8vo. *Göttingen*, 1803.
- Jordan** (William Leighton). A Lecture on the Winds, Ocean-currents, and Tides, and what they tell of the System of the World. 8vo. *London*, 1877.
- . The Winds and their story of the World. 8vo. *London*, 1877.
- Jorden** (Ed.). A Discourse of Natural Baths and Mineral Waters: etc. 4to. *London*, 1631.
- Jourdy** (E.). See TERQUEM (O.).
- Jouve** (J. Duval-). See DUVAL-JOUBE (J.).
- Jouvencel** (Paul de). Genèse selon la Science. La Vie. 2^{me} édition. 8vo. *Paris*, 1862.
- . ———. Les commencements du Monde. 2^{me} édition. 8vo. *Paris*, 1862.
- . ———. Les Déluges. Première partie: Géologie. 8vo. *Paris*, 1862.
- Joyce** (Frederick). Practical Chemical Mineralogy. 8vo. *London*, 1825.
- Judd** (John Wesley). On the Strata which form the base of the Lincolnshire Wolds. (Tract.) 8vo. *London*, 1867.
- . On the Speeton Clay. (Tract.) 8vo. *London*, 1868.
- . On the use of the term Neocomian. (Tract.) 8vo. *London*, 1870.
- . On the anomalous mode of growth of certain fossil Oysters. (Tract.) 8vo. *London*, 1871.
- . On the Punfield Formation. (Tract.) 8vo. *London*, 1871.
- . The Secondary Rocks of Scotland. First Paper. With a note on some Brachiopoda by T. Davidson. (Tract.) 8vo. *London*, 1873.
- . The Secondary Rocks of Scotland. Second Paper. On the Ancient Volcanos of the Highlands and the Relations of their Products to the Mesozoic Strata. (Tract.) 8vo. *London*, 1874.
- . On the Structure and Age of Arthur's Seat, Edinburgh. (Tract.) 8vo. *London*, 1875.
- . Contributions to the Study of Volcanos. (Tract.) 8vo. *London*, 1875–76.

Judd (John Wesley). Inaugural Lecture delivered to the Royal School of Mines on commencing of his course, 12th Feb. 1877.

8vo. *London*, 1877.

——. The Secondary Rocks of Scotland. Third Paper. The Strata of the Western Coast and Islands. (Tract.) 8vo. *London*, 1878.

——. On the Oligocene Strata of the Hampshire Basin. (Tract.) 8vo. *London*, 1880.

——. The Classification of the Tertiary deposits. (Tract.) 8vo. *London*, 1880.

——. See SURVEYS: ENGLAND AND WALES.

Jukes (Joseph Beete). Report on the Geology of Newfoundland. (Tract.) 2 copies. Fol. 1839.

——. Excursions in and about Newfoundland during the years 1839 and 1840. 2 vols. 8vo. *London*, 1842.

——. The Geology of Charnwood Forest. (Tract.) 4to. *Nottingham*, 1842.

——. General Report of the Geological Survey of Newfoundland, executed during the years 1839 and 1840. (Tract.) 8vo. *London*, 1843.

——. Narrative of the Surveying Voyage of H.M.S. 'Fly,' in Torres Strait, New Guinea, and other Islands of the Eastern Archipelago during the years 1842–1846, together with an excursion into the interior of the eastern part of Java. 2 vols. 8vo. *London*, 1847.

——. A Sketch of the Physical Structure of Australia. 8vo. *London*, 1850.

——. On the Geology of the South Staffordshire Coal-field. 8vo. *London*, 1853.

——. Popular Physical Geology. 8vo. *London*, 1853.

——. Annual Address delivered before the Geological Society of Dublin, February 14, 1855. (Tract.) 8vo. *Dublin*, 1855.

——. The South Staffordshire Coal-field. 2nd edition. (Memoirs of the Geological Survey of Great Britain.) 2 copies. 8vo. *London*, 1859.

——. Geology of Belfast and the North of Ireland. The Probabilities of Coal Discovery. Newspaper cutting. *Belfast*, 1861.

——. Address to the Geological Section of the British Association, Cambridge, 1862. (Tract.) 8vo. *London*, 1862.

——. The Student's Manual of Geology. 2 copies. 8vo. *Edinburgh*, 1862.

——. The Student's Manual of Geology. 3rd edition. Edited by Archibald Geikie. 8vo. *Edinburgh*, 1872.

——. Notes for a comparison between the Rocks of the South-west of Ireland and those of North Devon and of Rhenish Prussia. (Tract.) 2 copies. 8vo. *Dublin*, 1865.

——. Additional notes on the grouping of the Rocks of North Devon and West Somerset. (Tract.) 8vo. *Dublin*, 1867.

——. Her Majesty's Geological Survey of the United Kingdom, and its connexion with the Museum of Irish Industry in Dublin, and that of Practical Geology in London. (Tract.) 8vo. *Dublin*, 1867.

——. Notes on parts of South Devon and Cornwall, etc. (Tract.) 2 copies. 8vo. *Dublin*, 1868.

- Jukes** (Joseph Beete). Letters and Extracts from *his* Addresses and occasional writings, edited by his sister (C. A. Browne).
8vo. *London*, 1871.
- . See POTTER (T. R.).
- , **Forbes** (Edward), **Playfair** (Lyon), **Smyth** (Warington W.), **Percy** (John), and **Hunt** (Robert). Lectures on Gold, for the instruction of emigrants about to proceed to Australia. 2nd edition.
8vo. *London*, 1853.
- and **Haughton** (Samuel). On the Lower Palæozoic Rocks of the South-east of Ireland and their associated Igneous Rocks. (Tract.)
8vo. *Dublin*, 1859.
- Jukes-Browne** (A. J.). See BROWNE (A. J. Jukes-).
- Julien** (A. A.). On the Fissure-inclusions in the Fibrolitic Gneiss of New Rochelle, N. Y. (Tract.)
8vo. *New York*, 1879.
- Junghann** (G.). Zur theoretischen Krystallographie. (Tract.)
8vo. *Stuttgart*, 1879.
- Junghuhn** (Franz). Die Battaländer auf Sumatra. 2 vols.
8vo. *Berlin*, 1847.
- . Java, seine Gestalt, Pflanzendecke und innere Bauart. Nach der zweiten, verbesserten Auflage des holländischen Originals ins Deutsche übertragen von J. K. Hasskarl. 3 vols.
8vo; Atlas, fol. (1853). *Leipzig*, 1857.
- Jura**. Préavis de la Commission spéciale des Mines du Jura adressé au Conseil-Exécutif du Canton de Berne. (Tract.)
8vo. *Porrentruy*, 1854.
- Jussieu** (Laurent-Pierre de). Sur des grenats de Finlande. (Tract.)
4to. *Paris*, 1811.

K.

- K * * *** (E. von). Die Erdbeben. Populäre analyse und Darstellung ihrer physikalisch-geologischen Ursachen. (Tract.) 8vo. *Vienna*, 1844.
- Kalckbrenner** (Karl). Icones Selectæ Hymenomycetum Hungariæ per S. Schulzer et C. Kalckbrenner observatorum et delineatorum. Editæ sub auspiciis Academiae Scientiarum Hungaricæ cura Caroli Kalckbrenner. II.-IV.
4to. *Budapesth*, 1874-77.
- Kalkowsky** (Ernst). Die Gneissformation des Eulengebirges. (Tract.)
8vo. *Leipzig*, 1878.
- Kämtz** (Ludwig Friedrich). Sur l'Hydrométrie. (Tract.)
8vo. *Brussels*, 1862?
- Kane** (Elisha Kent). Tidal observations in the Arctic Seas, reduced and discussed by Charles A. Schott. (Tract.) 4to. *Washington*, 1860.
- Kane** (G. R.). Report on the Nature and Products of the process of the destructive distillation of Peat.
8vo. *London*, 1851.
- Kapf** (Friedrich). Beyträge zur Geschichte des fürstenbergischen Bergbaues im kinziger Thale. (Tract.)
8vo. *Cassel*, 1785.
- Kapp** (Christian). Neptunismus und Vulkanismus: in Beziehung auf von Leonhard's Basalt-Gebilde. (Tract.) 8vo. *Stuttgart*, 1834.
- Karajan** (Theodor Georg von). Festrede beider feierlichen übernahme des ehemaligen Universitätsgebäudes durch die k. Akademie der Wissenschaften gehalten am 29. October, 1857. (Tract.) 4to. *Vienna*, 1857.

- Karélin** (Grégoire). Extrait du Journal d'un voyage fait en Djoungarie ou Sungarie en 1841. (See FISCHER DE WALDHEIM (Gotthelf). Jubilæum, etc.) Fol. Moscow, 1847.
- Karlsson** (V.). See SURVEYS: SWEDEN.
- Karrer** (Felix). Ueber das Auftreten der Foraminiferen in dem marinen Tegel des Wiener Beckens. (Tract.) 8vo. Vienna, 1861.
- . Ueber das Auftreten der Foraminiferen in den brakischen Schichten (Tegel und Sand) des Wiener Beckens. (Tract.) 8vo. Vienna, 1863.
- . Ueber das Auftreten der Foraminiferen in den Mergeln der marinen Uferbildungen (Leythakalk) des Wiener Beckens. (Tract.) 8vo. Vienna, 1864.
- . Die Foraminiferenfauna des tertiären Grünsandsteines der Ora-kei-bay bei Auckland. (Tract.) 4to. Vienna, 1864.
- . Ueber das Auftreten von Foraminiferen in den älteren Schichten des Wiener Sandsteins. (Tract.) 8vo. Vienna, 1865.
- . Zur Foraminiferenfauna in Oesterreich. (Tract.) 8vo. Vienna, 1867.
- . Die miocene Foraminiferenfauna von Kostej im Banat. (Tract.) 8vo. Vienna, 1868.
- . Ueber ein neues Vorkommen von oberer Kreideformation in Leitzersdorf bei Stockerau und deren Foraminiferenfauna. (Tract.) 8vo. Vienna, 1870.
- . Geologie der Kaiser Franz Josefs Hochquellen-Wasserleitung. Eine Studie in den Tertiär-Bildungen am Westrande des alpinen Theiles der Niederung von Wien. 4to. Vienna, 1877.
- . Die Foraminiferen der tertiären Thone von Luzon. (Tract.) 4to. Vienna, 1878.
- . See DRASCHE (Richard von) and NOVARA EXPEDITION.
- and **Sinzow** (Johann). Ueber das Auftreten des Foraminiferen-Genus *Nubecularia* im sarmatischen Sande von Kischenew. (Tract.) 8vo. Vienna, 1876.
- Karsten** (Dietrich Ludwig Gustav). Obituary notice. See BUCH (Leopold von).
- . Museum Leskeanum. Quod ordine systematico disposuit atque descripsit. Vol. I. Regnum Animale. Vol. II. pars 1. Regnum Minerale. Vol. II. pars 2. N. G. Leske hinterlassenes Mineralien-Kabinet systematisch geordnet und beschrieben. 8vo. Leipzig, 1789.
- . A description of the Minerals in the Leskean Museum. Translated by George Mitchell. Vol. I. Containing the characteristic and systematic collections. 2 copies. 8vo. Dublin, 1798.
- . Mineralogische Bemerkungen über das arseniksäure, salzsäure und phosphorsäure Kupfer, etc. (Tract.) 4to. Berlin, 1801.
- . Kurze Nachricht über das in der Neumark aufgefundene Erdpech. (Tract.) 4to. Berlin, 1803.
- . Ueber die Steinkohlen-Flotze bei Hultschin in Ober-Schlesien. (Tract.) 4to. Berlin, 1803.
- . Ueberfluss von Braunkohlen in der Neumark. (Tract.) 4to. Berlin, 1803.
- . Die äusseren Kennzeichen der Fossilien in xii. Tafeln gebracht. 8vo. Berlin?, 1806?

- Karsten** (Dietrich Ludwig Gustav). Mineralogische Tabellen, mit Rücksicht auf die neuesten Entdeckungen. Fol. *Berlin*, 1808.
 —. See **RIESS** (Johann Philipp).
- Karsten** (Karl Johann Bernhard). Handbuch der Eisenhüttenkunde. 2 vols. 8vo. *Halle*, 1816.
- Karsten** (Gustav). Beiträge zur Landeskunde der Herzogthümer Schleswig und Holstein. I. Reihe. Mineralogischen Inhaltes. Heft 1. 4to. *Kiel*, 1869.
- Karsten** (O. B. R.). See **REUSS** (Franz Ambros).
- Kaufmann** (Franz Joseph). Untersuchungen über die mittel- und ostschweizerische subalpine Molasse. (Tract.) 4to. *Lucerne?*, 1860.
 —. See **SURVEYS: SWITZERLAND**. Matériaux pour la carte géologique de la Suisse.
- Kaup** (J. J.). Beiträge zur näheren Kenntniss der urweltlichen Säugethiere. Heft 1–5. 4to. *Darmstadt*, 1854–59.
 —. Neue aalähnliche Fische des Hamburger Museums. (Tract.) 4to. *Hamburg*, 1859.
 —. See **BRITISH MUSEUM** and **KLIPSTEIN** (August von).
- Kawall** (J. H.). Enneas Ichneumonidarum Curoniæ quas descripsit novas. (Tract.) 8vo. *Moscow*, 1869.
- Kayser** (Emanuel). Ueber die Contact-Metamorphose der körnigen Diabase im Harze. (Tract.) 8vo. *Berlin*, 1870.
 —. Die Brachiopoden des Mittel- und Ober-Devon der Eifel. 8vo. *Berlin*, 1871.
 —. Neue Fossilien aus dem rheinischen Devon. (Tract.) 8vo. *Berlin*, 1872.
 —. Studien aus dem Gebiete des rheinischen Devon. III. Die Fauna des Rotheisensteins von Brilon in Westfalen. (Tract.) 8vo. *Berlin*, 1872.
 —. Studien aus dem Gebiete des rheinischen Devon. (Tract.) 8vo. *Berlin*, 1873.
 —. Beiträge zur Geologie und Paläontologie der argentinischen Republik. II. Paläontologischer Theil. I. Abtheilung. Ueber primordiale und untersilurische Fossilien aus der argentinischen Republik. (Tract.) 4to. *Cassel*, 1876.
 See also **GEINITZ** (Hans Bruno).
- Keeping** (H.). List of fossil Species. (Tract.) 8vo. *Freshwater*.
- Keferstein** (Christian). Tabellen über die vergleichende Geognosie. (Tract.) 4to. *Halle*, 1825.
 —. Die Naturgeschichte des Erdkörpers in ihren ersten Grundzügen. 2 vols. 2 copies. 8vo. *Leipzig*, 1834.
 —. Mineralogia polyglotta. 8vo. *Halle*, 1849.
 —. See **SERIALS, ETC.: WEIMAR**. Teutschland dargestellt.
- Keilhau** (Balthazar Matthias). Darstellung der Uebergangs-Formation in Norwegen; nach dem Manuscripte übersetzt von Dr. Carl Naumann. (Tract.) 8vo. *Leipzig*, 1826.
 —. Bidrag til Spitzbergens og Beeren-Eilands Flora, efter Herbarier. (Tract.) 8vo. *Christiania*, 1832–33.
 —. Efterretninger om Jordskjælv i Norge. (Tract.) 2 copies. 8vo. *Christiania*, 1836.

- Keilhau** (Balthazar Matthias). Granitens og de övrige saakaldte massive Bjergarters samt de krystalliniske Skiferes Theorie, fremsat i Forelæsninger over Geologien ved Universitetet i Christiania 1836. (Tract.) 8vo. *Christiania*, 1836.
- . Gaea Norvegica. Von mehreren Verfassern (B. M. Keilhau, K. F. Böbert, C. Boeck, A. Vibe, Th. Scheerer, und P. A. Munch). Heft I.–III. 2 copies. 4to. *Christiania*, 1838–50.
- . Einiges Gegen den Vulkanismus. (Tract.) 8vo. *Christiania*, 1840.
- . Biographie von ihm selbst. (Tract.) 8vo. *Christiania*, 1857.
- . See DECHEN (H. von) and HÖRBYE (J. C.).
- Keill** (J.). An examination of Dr. Burnet's theory of the Earth, with some remarks on Mr. Whiston's theory of the Earth. . . . To the whole is annexed a dissertation on the different figures of the celestial bodies, etc. . . . by M. de Maupertuis. 2nd edition. 8vo. *London and Oxford*, 1734.
- Kelaart** (Edward Frederic). Flora Calpensis. Contributions to the botany and topography of Gibraltar and its neighbourhood. 8vo. *London*, 1846.
- . Prodomus Faunæ Zeylanicæ; being contributions to the zoology of Ceylon. Vol. I. and vol. II. part 1 (all published). 8vo. *Colombo and London*, 1852–54.
- . Notes on the Geology of Ceylon. Laterite formation.—Fluviatile deposit of Neuera Ellia. (Tract.) 8vo. *London*, 1853.
- Keller** (Ferdinand). Résultats des recherches exécutées dans les lacs de la Suisse occidentale. Pfahlbauten. 6^{er} und 7^{er} Bericht. (Tracts.) 4to. *Zurich*, 1866–76.
- . Etablissements lacustres. (Résultat des recherches exécutées dans les lacs de la Suisse occidentale.) (Tract.) 4to. *Zurich*, 1876.
- . The Lake-dwellings of Switzerland and other parts of Europe. 2nd edition. Translated and arranged by John Edward Lee. 2 vols. 8vo. *London*, 1878.
- Kelley** (F. M.). On the junction of the Atlantic and Pacific Oceans, and the practicability of a ship-canal without locks by the valley of the Atrato. (Tracts.) 8vo. *London*, 1856.
- Kelly** (John). Some remarks on the doctrine of characteristic Fossils. (Tract.) 8vo. *Dublin*, 1864.
- Kelly** (William). On the temperature of the Springs at Quebec. (Tract.) 8vo. *Quebec*, 1837.
- Kendall** (F.). A descriptive catalogue of the Minerals and fossil Organic Remains of Scarborough and the vicinity. 8vo. *Scarborough*, 1816.
- Kennedy** (J. P.). On a general system of Railways for India. (Tract.) Fcap. fol. *London*, 1854.
- Kenngott** (Adolf). Mineralogische Untersuchungen, betreffend die Minerale: Zinkenit, Gyps, Antimonsilber, Kupferglanz, Millerit, Pyrrhotin, Danait, &c. (Tract.) 8vo. *Vienna*, 1852.
- . Synonymik der Krystallographie. 8vo. *Vienna*, 1855.
- . Elemente der Petrographie. 8vo. *Leipzig*, 1868.
- . Microscopical investigation of thin polished laminæ of the Knyahynia meteorite. (Tract.) 8vo. *London*, 1869.
- Kenrick** (John). The inscribed tablet of Dhibân, known as "The Moabite Stone." (Tract.) 8vo. *York*, 1870.

- Kératio** (M. de). See GRUNER (E. L.).
- Kergomard** (Jules). Essai biographique sur Marie Rouault, Directeur du Musée Géologique de Rennes. (Tract.) 8vo. *Rennes*, 1861.
- Kerigan** (Thomas). A practical treatise on the Eclipses of the Sun and Moon, and the deflection of the Moon and Planets, with remarks on the anomalies of the present theory of tides. 8vo. *London*, 1844.
- . The anomalies of the present theory of the Tides elucidated by additional facts and arguments, etc. (Tract.) 8vo. *London*, 1847.
- * * Accompanied by a letter from the author.
- Kerl** (Bruno). Der Communion-Unterharz. (Tract.) 8vo. *Freiberg*, 1853.
- Kern** (Johann Gottlieb von). Vom Schneckensteine oder dem sächsischen Topasfelsen. 4to. *Prague*, 1776.
- Kersten** (Otto). See VON DER DECKEN (Carl Claus). Reisen in Ost-Africa in 1859–1865.
- Kessler** (C.). Die vorzüglichsten Fährten-Abdrücke urweltlicher Thiere in buntem Sandstein aus den Sandsteinbrüchen der Umgegend von Hildburghausen. Mit einem Vorwort herausgegeben von F. K. L. Sickler. Erstes Heft. (Tract.) 4to. *Hildburghausen*, 1836.
- Kestner** (A. Scheurer-). See SCHEURER-KESTNER (A.).
- Kettle** (Rupert). Paper read at a conference of Mine-owners, Mine-agents, etc. The yield of the Ten-yard Coal and the best mode of increasing it, having regard to the safety and economy of the working. (Tract.) 2 copies. 8vo. *Dudley*, 1864.
- Keyserling** (Alexander von). Wissenschaftliche Beobachtungen auf einer Reise in das Petschora-Land im Jahre 1843. 8vo. *St. Petersburg*, 1846.
- . See MURCHISON (*Sir Roderick Impey*).
- Kickx** (Jean). Obituary. See QUETELET (Ad.).
- Kidd** (J.). Outlines of Mineralogy. 2 vols. 8vo. *Oxford*, 1809.
- . A Geological Essay on the imperfect evidence in support of a theory of the Earth, deducible either from its general structure or from the changes produced on its surface by the operation of existing causes. 8vo. *Oxford*, 1815.
- Kimball** (James P.). On the Iron ores of Marquette, Michigan. (Tract.) 8vo. *New Haven*, 1865.
- . Notes on the Geology of Western Texas and of Chihuahua, Mexico. (Tract.) 8vo. *New Haven*, 1869.
- . On the Silver mines of Santa Eulalia, State of Chihuahua, Mexico. (Tract.) 8vo. *New Haven*, 1870.
- . I. Relations of Sulphur in Coal and Coke. II. Oxidation or weathering of Coal. (Tract.) 8vo. *Easton*, 1879.
- Kinahan** (G. Henry). Manual of the Geology of Ireland. 8vo. *London*, 1878.
- King** (Charles Cooper). [Reviews of] ‘Manual of Natural History, Geology, and Physics,’ and ‘Instructions for the Arctic Expedition, 1875.’ (Tracts.) 8vo. *London*, 1875–76.
- . See JONES (Thomas Rupert).
- King** (Clarence). Systematic Geology.—Exploration of the Fortieth Parallel. See SURVEYS: UNITED STATES.

- King** (Phillip Parker). Selections from a Meteorological Journal kept on board H.M. Ship 'Adventure' during the Survey of the Southern Coasts of South America, 1827-1830. (Privately printed tract.)
- . On the Specific Gravity of Sea-water in different parts of the North and South Atlantic Oceans, and in the South Pacific near the Western Coast of South America. (Privately printed tract.) 8vo.
- . See ADMIRALTY PUBLICATIONS.
- King** (T. Butler). Report on California. (Tract.) 8vo. *Washington*, 1850.
- King** (William). On the Genus *Sigillaria*. (Tract.) 8vo. *Edinburgh*, 1845.
- . A Catalogue of the Organic Remains of the Permian Rocks of Northumberland and Durham. (Tract.) 2 copies. 8vo. *Newcastle*, 1848.
- . A Monograph of the Permian Fossils of England. (Palæontographical Society.) 4to. *London*, 1850.
- . On the occurrence of Permian Magnesian Limestone at Tullyconnel, near Artrea, in the County of Tyrone. (Tract.) 8vo. *Dublin*, 1855.
- . Notes on Permian Fossils.—Palliobranchiata. (Tract.) 8vo. *London*, 1856.
- . On *Anthracosia*, a fossil genus of the family Unionidæ. (Tract.) 8vo. *London*, 1856.
- . On *Pleurodictyum problematicum*. (Tract.) 8vo. *London*, 1856.
- . Historical account of the Invertebrata occurring in the Permian Rocks of the North of England. With sequel. (Tract.) 4to. *London*, 1859.
- . Synoptical Table of Aqueous Rock-groups, chiefly British, arranged in their order of superposition and chronological sequence. 5th edition. (Tract.) 2 copies. 8vo. *Belmont, near Galway*, 1863.
- . On some Palliobranchiate Shells from the Irish Atlantic. (Tract.) 8vo. *Dublin*, 1868.
- . On the Histology of the Test of the Class Palliobranchiata. (Tract.) 4to. *Dublin*, 1869.
- . List of his published Scientific Writings. (Tract.) 8vo. *Galway*, 1879.
- . See FOOTE (R. Bruce).
- and Rowney (Thomas H.). On the so-called "Eozoonal Rock." (Tract.) 8vo. *London*, 1866.
- . On *Eozoon canadense*. (Tract.) 8vo. *Dublin*, 1870.
- . On the Geological Age and Microscopic Structure of the Serpentine Marble or Ophite of Skye. (Tract.) 8vo. *Dublin*, 1871.
- . On the Mineral Origin of the so-called "*Eozoon canadense*." (Tract.) 8vo. *Dublin*, 1871.
- Kingsley** (J. S.). Synopsis of the North-American species of the Genus *Alpheus*. (Tract.) 8vo. *Washington*, 1878.
- Kingsmill** (Thomas W.). The Border Lands of Geology and History. (Tract.) 8vo. *Shanghai*, 1877.
- Kingston** (Sir George Strickland). Register of the Rain-gauge kept in Grote Street, Adelaide, 1839-74. (Tract.) 2 copies. 4to. *Adelaide*, 1874.

See REPORTS, COLONIAL. South Australia.

Kirby (William). Biographical Notice. See SPENCE (William).

——. On the History, Habits, and Instincts of Animals. (Bridgewater Treatise.) 2 vols. 8vo. London, 1835.

Kirchenpauer (—). Die Seetonnen der Elbmündung. Ein Beitrag zur Thier- und Pflanzen-Topographie. (Tract.) 4to. Hamburg, 1862.

Kircher (Athanasius). Mundus Subterraneus, in XII. Libros digestus. Fol. Amsterdam, 1665.

Kirchner (Traugott Wilhelm). Die Versteinerungen und Fossilien welche bei Sorau und in der Umgegend gefunden werden, &c. (Tract.) 8vo. Sorau, 1834.

Kirkby (James W.). On Permian Entomostraca from the Shell-Limestone of Durham; with Notes on the Species by T. R. Jones. (Tract.) 8vo. Newcastle, 1858–60.

——. On some Fossils from the Lower Magnesian Limestone of Sunderland; and on the occurrence of Fossils in the highest beds of the Durham Coal-Measures. (Tract.) 8vo. Newcastle, 1863–64.

——. An Address to the Sunderland Geological Society. (Tract.) 8vo. Sunderland, 1865.

——. On the Fossils of the Marl-Slate and Lower Magnesian Limestone, Durham. No. II. (Tract.) 8vo. Newcastle, 1867.

——. See BROWELL (E. J. J.), HOWSE (Richard), JONES (Thomas Rupert), PARKER (W. K.), etc.

—— and **Atthey** (Thomas). On some Fish-remains from the Durham and Northumberland Coal-measures. (Tract.)

8vo. Newcastle, 1863.

—— and **Duff** (Joseph). Notes on the Geology of part of South Durham. (Tract.) 8vo. Newcastle, 1871.

Kirschbaum (C. L.) Ueber *Hoplisis punctuosus*, Eversm., und *Hoplisis punctatus*, n. sp. (Tract.) 4to. Wiesbaden, 1855.

——. Die *Athysanus*-Arten der Gegend von Wiesbaden. (Tract.) 4to. Wiesbaden, 1858.

Kirwan (Richard). Elements of Mineralogy. 8vo. London, 1784.

——. 2nd edition. 2 vols. 8vo. London, 1794.

——. Remarks on Mr. Cavendish's Experiments on Air. (Tract.) 4to. London, 1784.

——. Experiments on Hepatic Air. (Tract.) 4to. London, 1786.

——. Geological Essays. 8vo. London, 1799.

Kittredge (George F.). The present condition of the Earth's Interior. (Tract.) 8vo. Buffalo, 1876.

Kjerulf (Theodor). Das Christiania-Silurbecken, chemisch-geognostisch Untersucht. (Tract.) 3 copies. 4to. Christiania, 1855.

——. Om Dannelsesmaaden af de uskiktede Bjergarter i Christianias Overgangsformation, en videnskabelig Prøvelse, samt veie dem mod hinanden. (Tract.) 8vo. Christiania, 1855?

——. Ueber die Geologie des südlichen Norwegens, mit Beiträgen von Tellef Dahll. (Tract.) 8vo. Christiania, 1857.

——. Ueber das Friktions-Phänomen. (Tract.) 8vo. Berlin, 1860.

——. Beskrivelse over Jordbunden i Ringeriget. (Tract.) 4to. Christiania, 1862.

——. Zusammenstellung der bisherigen Ergebnisse der geologischen Untersuchung Norwegens. (Tract.) 8vo. Heidelberg, 1862.

- Kjerulf** (Theodor). Bemærkninger om de glaciale mergelbollers dannelse. (Tract.) 8vo. *Christiania*, 1863.
- . Erläuterungen zur Uebersichtskarte der Glacial-Formation am Christiania-Fjord. (Tract.) 8vo. *Berlin*, 1863.
- . Om et fund af fossiler ved Högberget. (Tract.) 8vo. *Christiania*, 1863.
- . Veiviser ved geologiske excursioner i Christiania omegn. (Tract.) 4to. *Christiania*, 1865.
- . Ueber die Terrassen in Norwegen und deren Bedeutung für eine Zeitberechnung bis zur Eiszeit zurück. (Tract.) 8vo. *Berlin*, 1869.
- . The Terraces of Norway, translated by Marshall Hall. (Tract.) 2 copies. 8vo. *London*, 1870.
- . Om Trondhjems Stifts geologi; med et oversigtskart af Th. Kjerulf og K. Hauan. (Tract.) 2 copies. 8vo. *Christiania*, 1871.
- . On Skuringsmærker Glacial-formationen og terrasser, samt om grundfjeldets og sparagmitfjeldets mægtighed i Norge. 4to. *Christiania*, 1871.
- . Om stratifikationens spor. (Tract.) 4to. *Christiania*, 1877.
- . Udsigt over det sydlige Norges geologi, med i texten indtagne tegninger, profiler, planer, en atlas . . . 2 vols. 4to. *Christiania*, 1879.
- . Die Geologie des südlichen und mittleren Norwegen. 8vo. *Bonn*, 1880.
- . See **HIORTDAHL** (Theodor) and **SARS** (M.).
- and **Dahll** (Tellef). Ueber das Vorkommen der Eisen-Erze bei Arendal, Näs und Kragerö. (Tract.) 8vo. *Berlin*, 1862.
- . Carte géologique de la Norvège méridionale. (Texte.) (Tract.) 8vo. *Christiania*, 1866.
- . Geologisk kart over det søndenfjeldske Norge. (Tract.) 8vo. *Christiania*, 1866.
- Klaproth** (Martin Henry). Observations relative to the Mineralogical and Chemical History of the Fossils of Cornwall, translated from the German by J. G. Groschke. (Tract.) 8vo. *London*, 1787.
- . Analytical essays towards promoting the chemical knowledge of Mineral Substances. 2 vols. 8vo. *London*, 1801.
- . See **HUMBOLDT** (F. H. A. von).
- Klatt** (F. W.). See **VON DER DECKEN** (Carl Claus). Reisen in Ost-Africa in 1859–65.
- Klein** (Carl). Einleitung in die Krystallberechnung. 8vo. *Stuttgart*, 1876.
- Klein** (Jacob Theodor). Descriptiones tubulorum marinorum; in quorum censum relati lapides caudæ cancri Gesneri, et his similes; Belemnitæ; eorumque alveoli. Secundum dispositionem Musei Kleiniani. Addita est Dissertatio epistolaris de pilis marinis. 4to. *Dantzic*, 1731.
- . Ordre naturel des oursins de mer et fossiles, avec des observations sur les piquans des oursins de mer, et quelques remarques sur les belemnites. 8vo. *Paris*, 1754.
- . Naturalis dispositio Echinodermatum. Accesserunt lucubrationcula de aculeis Echinorum marinorum et spicilegium de Belemnitis. Edita et synonymis . . . aucta a Nathanaele Godofredo Leske. 4to. *Leipzig*, 1778.

- Klein** (Karl Ernst). See **BROWALLIUS** (Johann).
- Klein** (Michael). Sammlung merkwürdigster Naturseltenheiten des Königreichs Ungarn. 8vo. *Presburg and Leipzig*, 1778.
- Kleinschrod** (Ch. Th.). Geologische Uebersicht eines Theiles der Auvergne, isbesondere der Umgebungen von Clermont-Ferrand. 8vo. *Munich*, 1829–30.
- . Canal de jonction entre le Rhin et le Danube. (Tract.) 8vo. *Munich*, 1834.
- Klinggräff** (C. J. von). Zur Pflanzengeographie des nördlichen und arktischen Europa's. (Tract.) 8vo. *Marienwerder*, 1878.
- Klippert** (J. H.). See **SURVEYS: OHIO**.
- Klipstein** (August von). Gedrängte Uebersicht der Ergebnisse einer geognostischen Erforschung des Odenwaldes und einiger angrenzenden Gegenden, etc. (Tract.) 2 copies. 4to. *Heidelberg*, 1829.
- . Geognostische Bemerkungen auf einer Reise durch Sachsen und Böhmen. Ein Schreiben an Herrn Geheimrath von Leonhard. (Tract.) 2 copies. 8vo. *Darmstadt*, 1830.
- . Versuch einer geognostischer Darstellung des Kupferschiefergebirges der Wetterau und des Spessarts. (Tract.) 8vo. *Darmstadt*, 1830.
- . Uebersicht der Geologie. (Tract.) 8vo. *Giessen*, 1833.
- . Beiträge zur geologischen Kenntniss der östlichen Alpen. 4to. *Giessen*, 1843.
- . Beiträge zur geologischen und topographischen Kenntniss der östlichen Alpen. Band II. Abth. 1 & 2. (Tracts.) 4to; *Giessen*, 1871–75.
- and **Kaup** (J. J.). Description d'un crâne colossal de *Dinotherium giganteum* trouvé dans la province rhénane du grand-duché de Hesse-Darmstadt, précédée d'une dissertation géologique sur les formations fossilifères du bassin tertiaire du Rhin moyen. (Tract.) 4to; Plates, fol. *Paris*, 1837.
- Klipstein** (Philipp Engel). Mineralogischer Briefwechsel. 2 vols. 8vo. *Giessen*, 1781–82.
- Klößen** (Karl Friedrich von). Die Versteinerungen der Mark Brandenburg. 2 copies. 8vo. *Berlin*, 1834.
- Knauer** (Friedrich K.). Naturgeschichte der Lurche. (Amphibiologie.) Eine umfassendere Darlegung unserer Kenntnisse von dem anatomischen Bau, der Entwicklung und systematischen Eintheilung der Amphibien, sowie eine eingehende Schilderung des Lebens dieser Thiere. 8vo. *Vienna*, 1878.
- Kner** (Rudolph). Versteinerungen des Kreidemergels von Lemberg und seiner Umgebung. (Tract.) 4to. *Vienna*, 1848.
- . *Psalidostoma*, eine neue Characinen-Gattung aus dem weissen Nil. (Tract.) 8vo. *Vienna*, 1864.
- and **Steindachner** (Franz). Neue Beiträge zur Kenntniss der fossilen Fische Oesterreichs. (Tract.) 4to. *Vienna*, 1863.
- Knight** (Charles). See **ENGLISH CYCLOPÆDIA**.
- Knight** (William). Facts and Observations towards forming a New Theory of the Earth. 8vo. *Edinburgh*, 1818.

- Knights** (—). The Antiquity of Man. Account of a Geological Ramble around Brandon, and of a discovery of remains of Pre-historic Man (by S. B. J. Skertchly). (Tract.) 12mo. *Norwich*, 1876.
- Knoll** (Friedrich). Unterhaltende Naturwunder. 8vo. *Erfurt*, 1786.
- Knop** (Adolph). Studien über Stoffwandlungen im Mineralreiche, besonders in Kalk- und Amphiboloid-Gesteinen. (Tract.) 8vo. *Leipzig*, 1873.
- . System der Anorganographie als Grundlage für Vorträge an Hochschulen. 8vo. *Leipzig*, 1876.
- Knorr** (George Wolfgang). Recueil des monumens des catastrophes que le globe de la terre a essuiées, contenant des pétrifications, etc., (dessinées, gravées et enluminées) d'après les originaux. Continué par J. E. E. Walch. 4 vols. Fol. *Nuremberg*, 1768–78.
- Knox** (George). Experiments and Observations on the Newry Pitch-Stone and its products, and on the formation of Pumice. (Tract.) 4to. *London*, 1822.
- . On Bitumen in Stones. (Tract.) 4to. *London*, 1823.
- Knox** (John Jay). See UNITED STATES. Treasury Department.
- Kobell** (Franz von). Die Mineral-Namen und die mineralogische Nomenclatur. 8vo. *Munich*, 1853.
- . Die Urzeit der Erde. (Tract.) 8vo. *Munich*, 1856.
- . Geschichte der Mineralogie von 1850–60. 8vo. *Munich*, 1864.
- . Tafeln zur Bestimmung der Mineralien mittelst einfacher chemischer Versuche auf trockenem und nassem Wege. 8vo. *Munich*, 1878.
- Koch** (Albert). Description of the Missouriium, or Missouri Leviathan, etc. 2nd edition. (Tract.) 8vo. *Louisville, Ky.*, 1841.
- . Ueber die Gattung *Zeuglodon*, Owen. (Tract.) 4to. *Breslau*, 1850.
- . Das Skelet des *Zeuglodon macrospondylus*. (Tract.) 4to. *Vienna*, 1851.
- Koch** (Antal). A Dunai Trachytesoport jobbparti részénck (sz.-endrevisegrád-esztergomi hegycsoport) földtani leírása a hegy-és vízrajzi viszonyok előrebocsátásával. 8vo. *Pesth*, 1877.
- Koch** (Carl). Paläozoische Schichten und Grünsteine in den herzoglich nassauischen Aemtern Dillenburg und Herborn unter Berücksichtigung allgemeiner Lagerungsverhältnisse in angrenzenden Ländern theilen. (Tract.) 8vo. *Wiesbaden*, 1858.
- Koch** (C. L.). Die Mineral-Regionen der obern Halbinsel Michigan's (N.-A.) am Lake Superior und die Isle Royal. 8vo. *Göttingen*, 1852.
- and **Dunker** (W.). Beiträge zur Kenntniss des Norddeutschen Oolithgebildes und dessen Versteinerungen. 4to. *Brunswick*, 1837.
- Koch** (F. E.) and **Wiechmann** (C. M.). Die Mollusken-Fauna des sternberger Gesteins in Meklenburg. 1te Abtheil. (Tract.) 8vo. *Neubrandenburg*, 1872.
- Koch-Sternfeld** (J. C. von). Die teutschen, insbesondere die bayerischen und österreichischen Salzwerke, etc. 8vo. *Munich*, 1836.
- Köchlin-Schlumberger** (Joseph). See DELBOS (Joseph).
- Köhler** (Friedrich). Ueber die Naturgeschichte des Kreuzsteins. (Tract.) 4to. *Berlin*, 1831.

- Köhler** (Friedrich). Der Onofrit, eine neue Mineral-Species. (Tract.) 8vo. *Berlin*, 1853.
- Kokscharow** (Nikolai von). Ueber Krystalle des Chlorits von Achmatowsk im Ural, etc. (Tract.) 8vo. *St. Petersburg*, 1851.
- . Materialien zur Mineralogie Russlands. Band I.–VII. (Part imperfect.) 8vo; Atlas, 4to. *St. Petersburg*, 1853–78.
- . Ueber den Euklas vom Ural. (Tract.) 8vo. *Berlin*, 1858.
- . Mineralogische Notizen. (Tract.) 8vo. *St. Petersburg*, 1861.
- . Ueber den russischen Monazit und Aeschynit. (Tract.) 4to. *St. Petersburg etc.*, 1862.
- . Notiz über den Chiolith. (Tract.) 4to. *St. Petersburg*, 1864.
- . Ueber das Krystallsystem und die Winkel des Sylvanits. (Tract.) 8vo. *St. Petersburg*, 1865.
- . Vorlesungen über Mineralogie. Band I. 4to. *St. Petersburg*, 1865.
- . Каталогъ Catalogue of Russian Topazes &c. (Tract.) 4to. *St. Petersburg*, 1866.
- . Ueber Weissbleierz-Krystalle, vorzüglich aus russischen Fundorten. (Tract.) 4to. *St. Petersburg*, 1871.
- . Ueber das Krystallsystem und die Winkel des Glimmers. (Tract.) 4to. *St. Petersburg*, 1877.
- Könen** (Adolf von). On the correlation of the Oligocene Deposits of Belgium, Northern Germany, and the South of England. (Tract.) 8vo. *London*, 1863.
- . Ueber die Oligocän-Tertiärschichten der Magdeburger Gegend. (Tract.) 8vo. *Berlin*, 1863.
- . Nachtrag zu dem Aufsätze über die Helmstadter Fauna. (Tract.) 8vo. *Berlin*, 1865.
- . Ueber einige Aufschlüsse im Diluvium südlich und östlich von Berlin. (Tract.) 8vo. *Berlin*, 1866.
- . Ueber die Parallelisirung des norddeutschen, englischen und französischen Oligocäns. (Tract.) 8vo. *Berlin*, 1867.
- . Ueber das Ober-Oligocän von Wiepke. (Tract.) 8vo. *Neubrandenburg*, 1868.
- . Ueber die unter-oligocäne Tertiär-Fauna vom Aralsee. (Tract.) 8vo. *Moscow*, 1868.
- . Das Miocän Nord-Deutschlands und seine Mollusken-Fauna. 8vo. *Cassel*, 1872.
- König** (Charles). Icones fossilium sectiles. Fol. *London*, 1825.
- Königshayn**. Beobachtungen über das Gebirge bey Koenigshayn. 4to. *Dresden*, 1780.
- Koninck** (Laurent Guillaume de). Description des coquilles fossiles de l'argile de Basele, Boom, Schelle, etc. (Tract.) 4to. *Brussels*, 1838.
- . Mémoire sur les Crustacés fossiles de Belgique. (Tract.) 2 copies. 4to. *Brussels*, 1841.
- . Description des animaux fossiles qui se trouvent dans le terrain carbonifère de Belgique. Text and Atlas. 2 copies. 4to. *Liège, Paris, and Bonn*, 1842–44.
- . Supplement. 4to. *Liège etc.*, 1851.
- . Notice sur deux espèces de Brachiopodes du terrain paléozoïque de la Chine. (Tract.) 8vo. *Brussels*, 1846.

- Koninck** (Laurent Guillaume de). Notice sur quelques fossiles du Spitzberg. (Tract.) 8vo. *Brussels*, 1846.
- . Nouvelle notice sur les fossiles du Spitzberg. (Tract.) 2 copies. 8vo. *Brussels*.
- . Notice sur la valeur du caractère paléontologique en géologie. (Tract.) 8vo. *Brussels*, 1847.
- . Réplique aux observations de M. Dumont sur la valeur du caractère paléontologique en géologie. (Tract.) 8vo. *Brussels*, 1847.
- . Recherches sur les animaux fossiles. 4to. *Liège*, 1847.
- . Discours sur les progrès de la Paléontologie en Belgique. (Tract.) 2 copies. 8vo. *Brussels*, 1851.
- . Notice sur la vie et les travaux de P. L. C. E. Louyet. (Tract.) 12mo. *Brussels*, 1851.
- . Notices sur le genre *Davidsonia* et sur le genre *Hypodema*. (Tract.) 8vo. *Liège*, 1852.
- . Mémoires de Paléontologie. (Tract.) 8vo. *Brussels*, 1857–58.
- . De l'influence de la chimie sur les progrès de l'industrie. (Tract.) 8vo. *Brussels*, 1863.
- . Mémoire sur les fossiles paléozoïques recueillis dans l'Inde par M. Fleming, suivi de la description des Brachiopodes fossiles de l'Inde, par Th. Davidson. (Tract.) 8vo. *Liège*, 1863.
- . Résumé de la théorie chimique des types. (Tract.) 8vo. *Liège and Paris*, 1865.
- . Nouvelles recherches sur les animaux fossiles du terrain carbonifère de la Belgique. 1^{re} partie. 4to. *Brussels*, 1872.
- . Notice sur le calcaire de Malowka et sur la signification des fossiles qu'il renferme. (Tract.) 8vo. *Moscow*, 1875.
- . Notice sur quelques fossiles recueillis par M. G. Dewalque dans le Système Gedinnien de A. Dumont. (Tract.) 8vo. *Liège*, 1876.
- . Recherches sur les fossiles paléozoïques de la Nouvelle Galles du Sud. 8vo, Atlas; 4to. *Brussels*, 1876–77.
- . Poissons et genre Nautile. [Faune du calcaire carbonifère de la Belgique. Part I.] (Ann. Mus. Roy. d'Hist. Nat. Belgique, tom. ii.) Fol. *Brussels*, 1878.
- . See **BENEDEN** (P. J. van), **BOSQUET** (J.), **DAVIDSON** (Thomas), **DUMONT** (A. H.), and **WOOD** (Edward).
- and **Le Hon** (H.). Recherches sur les crinoïdes du terrain carbonifère de la Belgique. 4to. *Brussels*, 1854.
- Kopp, Hermann**. See **SERIALS**, ETC.: **GIESSEN**.
- Kopp** (J. H.). See **LEONHARD** (C. C. von).
- Köppen** (A.). Zum fünfzigjährigen Jubiläum des Akademikers Gregor von Helmersen. (Tract.) 8vo. *St. Petersburg*, 1878.
- Koristka** (Carl). Die Arbeiten der topographischen Abtheilung der Landesdurchforschung von Böhmen, in den Jahren 1864 bis 1871. 8vo. *Prague*, 1869–77.
- Korizmicz** (Ladislas). A few Particulars regarding some of the chief Productions of Hungary. [Compiled in respect to the International Exhibition of 1862.] 8vo. *London*, 1862.
- Köttig** (R. F.). Geschichtliche, technische und statistische Notizen über den Steinkohlen-Bergbau Sachsens. 4to. *Leipzig*, 1861.
- . See **SAXONY**.

- Kranz** (—). Geognostische Beschreibung der Insel Elba. (Tract.)
8vo. *Berlin*, 1841.
- Krause** (Ernst). Erasmus Darwin, translated by W. S. Dallas. With a preliminary notice by Charles Darwin. 8vo. *London*, 1879.
- Krauss** (Ferdinand von). Neue Kap'sche Mollusken, als Zusatz zu meiner Schrift 'Die südafrikanischen Mollusken.' (Tract.)
8vo. *Berlin*, 1852.
- Kreil** (Karl). Anleitung zu den magnetischen Beobachtungen. (Tract.)
8vo. *Vienna*, 1858.
- . Sur les variations périodiques de l'atmosphère, d'après les observations faites en Autriche et les pays environants. (Tract.)
8vo. *Brussels*, 1862.
- Krejčí** (Johann). Horopisné Obrazy Okoli Prazského.
4to. *Prague*, 1857.
- , **Fritsch** (A.), **Slavik** (Alfred), and **Feistmantel** (C.). Arbeiten der geologischen Section für Landesdurchforschung von Böhmen.
8vo. *Prague*, 1869.
- Kries** (Friedrich). Von den Ursachen der Erdbeben und von den magnetischen Erscheinungen. (Tract.)
8vo. *Leipzig*, 1827.
- Krönig** (A.). Entwurf eines erfahrungsphilosophischen Systems. (Tract.)
12mo. *Berlin*, 1874.
- Kropotkin** (P.). Geognostisches über den Kreis Mjeschtschowsk im Gouvernement Kaluga, nebst paläontologischem Beitrag von H. Trautschold. (Tract.)
8vo. *Moscow*, 1870.
- . **Орографическій**—Orographical Outline of the districts round Mennsenssk and Krasnoiarsk in the Government of Eneseïskoë. (Tract.)
8vo. *St. Petersburg*, 1873.
- . **Общій Очеркъ**—General Orographical Outline of Eastern Siberia. (Tract.)
8vo. *St. Petersburg*, 1873.
- Kubler** (J.). See ZWINGLI (Heinrich).
- Kuhlberg** (Alphons). Die Insel Pargas (Ählön), chemisch-geognostisch untersucht. (Tract.)
8vo. *Dorpat*, 1867.
- Kühn** (Carl). Ueber das Klima von München. (Tract.)
4to. *Munich*, 1854.
- Kühn** (M.). See VON DER DECKEN (Carl Claus). Reisen in Ost-Africa in 1859–1865.
- Kunkel** (Johann), **Stahl** (Georg Ernst), and **Fritschius** (Johann Christian). Pyrotechnical Discourses . . . All faithfully translated from the Latin, and useful for all such as are any ways concern'd in Medicine or Metals.
8vo. *London*, 1705.
- Künstler** (Gustav). Die unseren Kulturpflanzen schädlichen Insekten, etc. (Tract.)
8vo. *Vienna*, 1871.
- Kuntze** (Otto). Die Schutzmittel der Pflanzen gegen Thiere und Wetterungunst, und die Frage vom salzfreien Urmeer. Studien über Phytophylaxis und Phytogeogenesis.
8vo. *Leipzig*, 1877.
- . Das salzfreie Urmeer und seine Consequenzen für den Darwinismus. (Tract.)
8vo. *Leipzig*, 1878.
- . Zur ältesten Geschichte der Pflanzen. (Tract.)
4to. *Leipzig*, 1878.
- . Wie bildeten sich die Urgesteine? (Tract.)
8vo. *Leipzig*, 1870.
- . Für das salzfreie Urmeer. (Tract.)
8vo. *Leipzig*?, 1879.

- Kuntze (Otto).** Ueber Verwandtschaft von Algen mit Phanerogamen. (Tract.) 8vo. *Ratisbon*, 1879.
- . Zur Eozoon-Frage. (Tract.) 4to. *Ratisbon*, 1879.
- Kupffer (Adolph Theodor).** Preisschrift über genaue Messung der Winkel an Krystallen. (Tract.) 4to. *Berlin*, 1825.
- Kurr (Johann Gottlob von).** The Mineral Kingdom. 4to. *Edinburgh*, 1859.
- Kurz (Sulpiz).** Report on the Vegetation of the Andaman Islands. (Tract.) 4to. *Calcutta*, 1867.
- Küster (H. C.).** (Die Käfer Europa's.) Zweiter Bericht an Freunde der Naturwissenschaften, besonders Entomologen und Conchyliogen. (Tract.) 12mo. *Nuremberg*, no date.
- . Sytematisches Verzeichniss der in der ersten Serie (Heft I.-X.) und in der zweiten Serie (Heft XI.-XX.) der Käfer Europa's von Prof. Apetz, Prof. Erichson, von Kiesenwetter und Dr. H. C. Küster, etc. (Tract.) 12mo. *Nuremberg*, 1850.
- Kutorga (Stephan).** Zweiter Beitrag zur Geognosie und Paläontologie Dorpat's und seiner nächsten Umgebungen. (Tract.) 8vo. *St. Petersburg*, 1837.
- . Beitrag zur Kenntniss der organischen Ueberreste des Kupfersandsteins am westlichen Abhange des Urals. (Tract.) 8vo. *St. Petersburg*, 1838.
- . Ueber die Siphonotretæ und einige baltisch-silurische Trilobiten. (Tract.) 8vo. *St. Petersburg*, 1848.

L.

- Lacépède (Bern. Germ. Etienne, Comte de).** Notice historique sur la vie et les ouvrages de Dolomieu. (Tract.) 8vo. *Paris*, 1802.
- Lachapelle (A. J. P. C. Duc-).** See DUC-LACHAPELLE (A. J. P. C.).
- Lachlan (R.).** A Paper and Resolutions in advocacy of the Establishment of a uniform system of Meteorological Observations throughout the whole American Continent. (Tract.) 8vo. *Cincinnati*, 1859.
- Lachmund (Friedrich).** Ὀρυκτογραφία Hildesheimensis, sive admirandorum fossilium quæ in tractu Hildesheimensi reperiuntur. (Tract.) 4to. *Hildesheim*, 1669.
- Lacoste (Pierre François).** Lettres minéralogiques et géologiques sur les Volcans de l'Auvergne, écrites dans un voyage fait en 1804. 8vo. *Clermont*, 1805.
- Laet (Johannes de).** See BOETIUS DE BOOT (N.).
- Laganne (Alain).** Note sur les érosions des calcaires dénudés de la vallée de la Vézère et de ses affluents. (Tract.) 8vo. *Périgueux*, 1877.
- Laillevault (— de).** Recherches sur la houille d'engrais et les houillères, etc. 2 vols. 8vo. *The Hague*, 1783.
- Laird (Dr.).** Extract from a letter from Rio de Janeiro. (Tract.) MS.
- Laizer (Louis de).** Lettre sur le Puy Chopine, l'une des montagnes volcanisées qui forment la chaîne du Puy-de-Dôme. (Tract.) 8vo. *Clermont*, 1808.
- Lamarck (Jean P. Baptiste Antoine de Monnet de).** Système des animaux sans vertèbres, ou tableau général des classes, des ordres et des genres de ces animaux. 8vo. *Paris*, 1801.

- Lamarck** (Jean P. Baptiste Antoine de Monnet de). *Mémoire sur les fossiles des environs de Paris.* 4to. *Paris*, 1802–06.
- . *Hydrogéologie.* 8vo. *Paris*, 1802.
- . *Extrait du cours du Muséum d'histoire naturelle sur les animaux sans vertèbres, etc.* 8vo. *Paris*, 1812.
- . *Histoire naturelle des animaux sans vertèbres, présentant les caractères généraux et particuliers de ces animaux, leur distribution, etc.* 7 vols. 8vo. *Paris*, 1815–22.
- . *Recueil de planches des coquilles fossiles des environs de Paris.* 4to. *Paris*, 1823.
- Lamathière** (Théophile). *Panthéon de la Légion d'Honneur. Notices extraites du Tom. III. par M. Charles Brongniart. [Notices of A.-T., A., and Ad.-T. Brongniart, of M. Coquebert de Montbret, and of M. Audouin.]* (Tract.) 8vo. *Paris*, 1878.
- Lambert** (Ed.). *Nouveau guide du géologue. Géologie générale de la France. Accompagné de la carte géologique de France, par MM. Dufrénoy et Elie de Beaumont.* 8vo. *Paris*, 1873.
- Lambotin** (—). *Observations sur les pierres météoriques, vulgairement pierres tombées du ciel.* (Tract.) 8vo. *Paris*, 1814.
- La Métherie** (Jean-Claude de). *Théorie de la terre.* 2^de édition, corrigée et augmentée d'une minéralogie. 5 vols. 8vo. *Paris*, 1797.
- . *Leçons de géologie, données au Collège de France.* 3 vols. 8vo. *Paris*, 1816.
- Laming** (Richard). *On the primary forces of Electricity.* (Tract.) 8vo. *London*, 1838.
- . *A new view of Electrical Action based upon Inductions, showing that Electricity is the only ponderable element in Nature, etc.* (Tract.) 8vo. *London*, 1859.
- Lamont** (J.). *Ueber das magnetische Observatorium der königl. Sternwarte bei München.* (Tract.) 2 copies. 4to. *Munich*, 1841.
- . *Magnetische Ortsbestimmungen ausgeführt an verschiedenen Punkten des Königreichs Bayern und an einigen auswärtigen Stationen.* 2 vols. 8vo. *Munich*, 1854–56.
- . *Denkrede auf die Akademiker Dr. Thaddäus Siber und Dr. Georg Simon Ohm.* (Tract.) 4to. *Munich*, 1855.
- . *Untersuchungen über die Richtung und Stärke des Erdmagnetismus, etc.* 4to. *Munich*, 1858.
- . *Untersuchungen über die Richtung und Stärke des Erdmagnetismus in Nord-Deutschland, Belgien, Holland, Dänemark in Sommer des Jahres 1858 ausgeführt, etc.* (Tract.) 4to. *Munich*, 1859.
- Lamouroux** (J. V. F.). *Histoire des Polypiers coralligènes flexibles, vulgairement nommés zoophytes.* 8vo. *Caen*, 1816.
- . *Résumé d'un cours élémentaire de géographie physique.* 2^e édition par J. P. Lamouroux. 2 copies. 8vo. *Paris*, 1829.
- Lampadius** (W. A.). *Handbuch zur chemischen Analyse der Mineralkörper.* 8vo. *Freiburg*, 1801.
- Lancaster** (Albert). *Note sur le tremblement de terre ressenti le 22 octobre 1873 dans la Prusse Rhénane et en Belgique.* (Tract.) 8vo. *Brussels*, 1873.
- Lance** (Edward Jarman). *The Golden Farmer.* (Tract.) 8vo. *London*, 1831.

- Lance** (Edward Jarman). On the Food of Plants . . . to which is added, an Essay on the drill husbandry of Turnips. (Tract.)
8vo. London, 1842.
- Landgrebe** (G.). Mineralogie der Vulcane. 8vo. Cassel and Leipzig, 1870.
- Landt** (G.). A description of the Feroe Islands, containing an account of their situation, climate, and productions, etc. Translated from the Danish.
8vo. London, 1810.
- Lane** (C. B.). Railway Communication in London and the Thames Embankment. (Tract.)
8vo. London, 1860.
- Lane** (Michael). See ADMIRALTY PUBLICATIONS.
- Lang** (Carl Nicolaus). Historia lapidum figuratorum Helvetiæ ejusque viciniæ, etc.
4to. Venice, 1708.
- Lang** (Fr.) and **Rütimeyer** (L.). Die fossilen Schildkröten von Solothurn. (Tract.)
4to. Zurich, 1866.
- Lang** (H. O.). Erratische Gesteine aus dem Herzogthum Bremen. (Tract.)
8vo. Göttingen, 1879.
- Lang** (Johann J.). See SCHREBER (Johann Christian Daniel).
- Lang** (O.). Mineralogische notizen von einer Reise in Skandinavien. (Tract.)
8vo. Stuttgart, 1879.
- Lang** (Victor von). Zur dynamischen Theorie der Gase. (Tract.)
8vo. Vienna, 1871.
- Langberg** (Chr.). Om capillaritetens indflydelse paa areometerets angivelser.
4to. Christiania, 1858.
- Langle** (— Fleuriot de). See FLEURIOT DE LANGLE (—).
- Lankester** (Edwin). See DERHAM (W.), LINK (H. F.), RAY (John).
— and **Redfern** (Peter). Reports made to the Directors of the London (Watford) Spring Water Company, on the results of microscopical examinations of the organic matters and solid contents of waters supplied from the Thames and other sources, etc.
8vo. London, 1852.
- Lankester** (E. Ray). On new Mammalia from the Red Crag. (Tract.)
8vo. London, 1864.
- See POWRIE (James).
- Lansdowne**, *Marquess of*. Substance of his speech in the House of Lords, July 5, 1839, on the government plan for promoting National Education. 7th edition. See also RUSSELL (*Lord John*).
8vo. London, 1839.
- Lapa** (João Ignacio Ferreira). See FERREIRA LAPA (João Ignacio).
- Lapeirouse**, **Picot de** (Baron de Bazus). Description de plusieurs nouvelles espèces d'Orthocératites et d'Ostracites. (Tract.)
Fol. Erlangen, 1781.
- Lapidge** (S.). A description of strata passed through in sinking an artesian well at the Surrey County Lunatic Asylum, at Springfield, Wandsworth. (Tract.)
8vo. London, no date.
- Laplace** (Pierre-Simon). Exposition du système du Monde. 2 vols.
8vo. Paris, 1796.
- The System of the World. Translated by J. Pond. 2 vols.
8vo. London, 1809.
- Lapparent** (A. de). Conseils à un jeune amateur de géologie. (Tract.)
8vo. Paris, 1877.
- See DELESSE (A.), and SURVEYS, FRANCE.

- Lapworth** (Charles). Note on the results of some recent Researches among the Graptolitic Black Shales of the South of Scotland. (Tract.) 2 copies. 8vo. *London*, 1872.
- . On an improved Classification of the Rhabdophora. (Tract.) 8vo. *London*, 1873.
- . On the Lower Silurian Rocks in the neighbourhood of Galashiels. (Tract.) 8vo. *Edinburgh*, 1874.
- . Note on the Graptolites discovered by Mr. John Henderson in the Silurian Shales of Habbie's Howe, Pentland Hills. (Tract.) 8vo. *Edinburgh*, 1874.
- . On Scottish Monograptidæ. (Tract.) 8vo. *London*, 1876.
- and **Wilson** (James). On the Silurian Rocks of the counties of Roxburgh and Selkirk. (Tract.) 8vo. *Glasgow*, 1876.
- Lardy** (Charles). Essai sur la constitution géognostique du St. Gothard. (Tract.) 4to. *Zurich*?, 1829.
- Larivière** (A. Engelsbach). See ENGELSPACH LARIVIÈRE (A.).
- Larkin** (N. J.). An Introduction to Solid Geometry and to the Study of Crystallography. 8vo. *London*, 1820.
- La Roche** (H. von). See OEYNHAUSEN (C. von).
- Lartet** (Edouard). Discours et notices nécrologiques sur Edouard Lartet. (Tract.) 8vo. *Paris*, 1871.
- . Note sur un grand singe fossile qui se rattache au groupe des singes supérieurs. (Tract.) 4to. *Paris*, 1856.
- . Observations à propos des débris fossiles de divers éléphants dont la découverte a été signalée par M. Ponzi, aux environs de Rome. (Tract.) 8vo. *Paris*, 1858.
- . Sur les migrations anciennes des mammifères de l'époque actuelle. (Tract.) 4to. *Paris*, 1858.
- . Sur la dentition des proboscidiens (*Dinotherium*, mastodontes et éléphants), et sur la distribution géographique et stratigraphique de leurs débris en Europe. (Tract.) 4to. *Paris*, 1859.
- . Nouvelles recherches sur la coexistence de l'homme et des grands mammifères fossiles. (Tract.) 8vo. *Paris*, 1861.
- . Sur une ancienne station humaine, avec sépulture contemporaine des grands mammifères fossiles réputés caractéristiques de la dernière période géologique. (Tract.) 8vo. *Paris*, 1861.
- . Sur une portion de crâne fossile d'Ovibos musqué (*O. moschatus*, Blainville), trouvée par M. le Dr. Eug. Robert dans le diluvium de Précy (Oise). (Tract.) 2 copies. 4to. *Paris*, 1864.
- . Lettre . . . relative à une lame d'ivoire fossile trouvée dans un gisement ossifère du Périgord, et portant des incisions qui paraissent constituer la reproduction d'un éléphant à longue crinière. (Tract.) 4to. *Paris*, 1865.
- . Note sur deux nouveaux siréniens fossiles des terrains tertiaires du bassin de la Garonne. (Tract.) 8vo. *Paris*, 1866.
- . Note sur deux têtes de carnassiers fossiles (*Ursus* et *Felis*) etc. (Tract.) 8vo. *Paris*, 1867.
- . De quelques cas de progression organique vérifiables dans la succession des temps géologiques sur des mammifères de même famille et de même genre. (Tract.) 4to. *Paris*, 1868.
- . See GAUDRY (A.).

- Lartet (Edouard) and Christy (H.).** Cavernes du Périgord. Objets gravés et sculptés des temps préhistoriques dans l'Europe occidentale. 2 copies. 8vo. *Paris*, 1864.
- . Reliquiæ Aquitanicæ ; being contributions to the Archaeology and Palæontology of Périgord and the adjoining provinces of Southern France. Edited by Thomas Rupert Jones. 4to. *London*, 1856-75.
- Lartet (Louis).** Note sur la découverte de silex taillés en Syrie, etc. (Tract.) 8vo. *Paris*, 1865.
- . Note sur la formation du bassin de la mer Morte ou lac Asphaltite et sur les changements survenus dans le niveau de ce lac. (Tract.) 2 copies. 8vo. *Paris*, 1865.
- . Poteries primitives, instruments en os et silex taillés des cavernes de la Vieille Castille, Espagne. (Tract.) 8vo. *Paris*, 1866.
- . Recherches sur les variations de salure de l'eau de la mer Morte en divers points de sa surface et à différentes profondeurs, ainsi que sur l'origine probable des sels qui entrent dans sa composition. (Tract.) 8vo. *Paris*, 1866.
- . Essai sur la géologie de la Palestine et des contrées avoisinantes telles que l'Égypte et l'Arabie. 8vo. *Paris*, 1869.
- . Compte rendu de la course du lundi, 13 Septembre, faite par les membres de la Société Géologique à Rouzon, à Ceyssac, à la Denise, à Espaly et à Saint-Marcel. (Tract.) 8vo. *Paris*, 1870.
- . Exploration géologique de la mer Morte, de la Palestine et de l'Idumée. 4to. *Paris*, 1877.
- . See VERNEUIL (Ed. de).
- Lasaulx (Arnold von).** Grundzüge einer neuen Systematik der Gesteine. (Tract.) 8vo. *Bonn*, 1872.
- . Beiträge zur Mikromineralogie. (Tracts.) 8vo. *Leipzig*, 1872.
- . Ueber die Eruptivgesteine des Vicentinischen. (Tract.) 8vo. *Berlin*, 1873.
- . Das Erdbeben von Herzogenrath am 22, October 1873. 8vo. *Bonn*, 1874.
- . Elemente der Petrographie. 8vo. *Bonn*, 1875.
- . Aus Irland. Reiseskizzen und Studien. 8vo. *Bonn*, 1877.
- . See MALLET (Robert).
- Lasius (Georg Sigismund Otto).** Beobachtungen über die Harzgebirge nebst einem Profilrisse. 8vo. *Hanover*, 1789.
- . Verzeichniss derer im Cabinet der harzischen Gebirgarten befindlichen Sachen, nach der Ordnung der Nummern. (Tract.) 8vo. *Hanover*, 1789.
- . Catalogue of a collection of Fossils from the Hartz Mountains. Translated from the German. 2 copies. 8vo. *Dublin*, 1805.
- . Extracts from Lasius's Observations on the Hartz Mountains. From the German original. 8vo. *Dublin*, 1805.
- Latham (Baldwin).** Sanitary Engineering. A guide to the construction of Works of Sewerage and House Drainage, etc. 2nd edition. 8vo. *London*, 1878.
- Latham (Robert Gordon).** See ANSTED (David Thomas).
- La Tour (Duc de).** See VESUVIUS.

- Laube** (Gustav C.). Die Fauna der Schichten von St. Cassian. Ein Beitrag zur Paläontologie der alpinen Trias. 4to. *Vienna*, 1865–69.
- . (Tracts.) 8vo. *Vienna*, 1864–68.
- . Die Bivalven des braunen Jura von Balin. Mit Berücksichtigung ihrer geognostischen Verbreitung in Frankreich, England, Schwaben, und in anderen Ländern. (Tract.) 8vo. *Vienna*, 1866.
- . (Tract.) 4to. *Vienna*, 1867.
- . Die Echinodermen des braunen Jura von Balin, etc. 8vo. *Vienna*, 1866.
- . 4to. *Vienna*, 1867.
- . Die Gastropoden des braunen Jura von Balin, etc. (Tract.) 4to. *Vienna*, 1866.
- . Ein Beitrag zur Kenntniss der Echinodermen des vicentinischen Tertiärgebietes. (Tract.) 8vo. *Vienna*, 1867.
- . (Tract.) 4to. *Vienna*, 1868.
- . Ueber *Ammonites Aon*, Münster, und dessen Verwandte. (Tract.) 8vo. *Vienna*, 1869.
- . Die Echinoiden der österreichisch-ungarischen oberen Tertiärablagerungen. (Tract.) 4to. *Vienna*, 1871.
- . Geologische Beobachtungen gesammelt während der Reise auf der "Hansa" und gelegentlich des Aufenthaltes in Süd-Grönland. (Tract.) 8vo. *Vienna*, 1873.
- Laugel** (A.). Tableau résumé de la classification du terrain jurassique, établie par Albert Oppel. (Tract.) 8vo. *Paris*, 1858.
- . Mémoire sur la géologie du département d'Eure-et-Loire. (Tract.) 8vo. *Paris*, 1860.
- . La faune de Saint-Prest, près Chartres, Eure-et-Loire. (Tract.) 8vo. *Paris*, 1862.
- . See DELESSE (A.) and LYELL (Sir Charles).
- Laugier** (André). Expériences propres à confirmer l'opinion émise par les naturalistes sur l'identité d'origine entre le fer de Sibérie et les pierres météoriques ou aérolithes. (Tract.) 4to. *Paris*, 1817.
- Laumond** (—). Statistique du département du Bas-Rhin. 8vo. *Paris*, 1802.
- Laumont** (Gillet). Letter on Mineralogy. (Tract.) MS.
- Launay** (Louis de). Traités sur l'histoire naturelle et la minéralogie. 8vo. *London*, 1780.
- . Essai sur l'histoire naturelle des roches. 8vo. *Brussels*, 1786.
- . Minéralogie des anciens. 2 vols. 8vo. *Brussels*, 1803.
- Laurance** (John). Geology in 1835; a popular sketch of the progress, leading features, and latest discoveries of this rising science. (Tract.) 8vo. *London*, 1835.
- . Geologie im Jahr 1835. 8vo. *Weimar*, 1836.
- Laurence** (Philip Henry). See COTTA (Bernhard von).
- Laurent** (Ch.). Mémoire sur le Sahara oriental au point de vue de l'établissement de puits artésiens dans l'Oued-Souf, l'Oued-R'ir et les Zibans. (Tract.) 8vo. *Paris*, 1857.
- Laurillard** (C. L.). Eloge de M. le Baron Cuvier. (Tract.) 8vo. *Paris*, 1833.

- Lavis** (H. J. Johnston). Notes on the Geology of Lewisham. (Tract.) 8vo. London, 1876.
- . On the Triassic Strata which are exposed in the Cliff sections near Sidmouth, and a note on the occurrence of an ossiferous zone containing bones of a Labyrinthodon. (Tract.) 8vo. London, 1876.
See also SEELEY (H. G.).
- Lavizzari** (Louis). Nouveaux phénomènes des corps cristallisés. (Tract.) Fol. Lugano, 1865.
- Lavoisier** (A. L.). See GUYTON DE MORVEAU (L. B.).
- Lawley** (Robert). Pesci ed altri vertebrati fossili del plioceno toscano. (Tract.) 8vo. Pisa, 1875.
- Lawrence** (William). Introduction to Comparative Anatomy and Physiology. (Tract.) 8vo. London, 1823.
- Lawson** (George). Papers read to the Botanical Society of Edinburgh. (Tracts.) 8vo. Edinburgh, 1858.
- Lazari** (Vincenzo). See POLO (Marco).
- Lea** (Henry C.). Description of some new Fossil Shells from the Tertiary of Petersburg, Va. (Tract.) 4to. Philadelphia, 1843.
- . Abstract. (Tract.) 8vo. Philadelphia, 1843.
- . Descriptions of some new species of Marine Shells, inhabiting the coast of the United States. (Tract.) 8vo. Philadelphia, 1845.
- . Catalogue of the Tertiary Testacea of the United States. (Tract.) 8vo. Philadelphia, 1848.
- . See LEA (Isaac).
- Lea** (Isaac). Observations on the genus *Unio*. Vols. I.—XIII. and Index. 4to. Philadelphia, 1832–74.
- . Contributions to Geology. (Tract.) 8vo. Philadelphia, 1833.
- . Characters of three new species of Indian Freshwater Bivalves, with notes by W. H. Benson. (Tract.) 8vo. Calcutta, 1835.
- . A Synopsis of the family of Naiades. (Tract.) 8vo. Philadelphia and London, 1836.
- . A Synopsis of the family of Naiades. 3rd edition. 4to. Philadelphia, 1852.
- . Descriptions of new Freshwater and Land Shells. (Tract.) 8vo. Philadelphia, 1840.
- . Description of nineteen new species of Colimacea. (Tract.) 4to. Philadelphia, 1840.
- . Notice of the Oolite Formation in America, with descriptions of some of its Organic Remains. (Tract.) 4to. Philadelphia, 1840.
- . On the genus *Acostæa* of D'Orbigny, a Freshwater Lamellibranchia. (Tract.) 4to. Philadelphia, 1851.
- . On a fossil Saurian of the New Red Sandstone formation of Pennsylvania, with some account of that formation. Also on some new Fossil Molluscs, in the Carboniferous Slates of the Anthracite seams of the Wilkesbarre Coal formation. (Tract.) 2 copies. 4to. Philadelphia, 1852.
- . On the Fossil Foot-marks in the Red Sandstone of Pottsville, Pennsylvania. (Tract.) 4to. Philadelphia, 1852.
- . Rectification of Mr. T. A. Conrad's "Synopsis of the Family of Naiades of North America." (Tract.) 2 copies. 8vo. Philadelphia, 1854.

- Lea (Isaac).** [On the great size and weight to which some of the Naiades attain in the waters of the Valley of the Ohio.] (Tract.)
8vo. Philadelphia?, 1854.
- . [On the soft parts of the American Fresh-water Molluscs.] (Tract.)
8vo. Philadelphia?, 1854.
- . Description of a new Mollusk from the Red Sandstone near Pottsville, Pa. (Tract.)
8vo. Philadelphia, 1855.
- . Fossil Footmarks in the Red Sandstone of Pottsville, Pennsylvania. Fol. Philadelphia, 1855.
- . Extracts of papers from the Proceedings of the Academy of Natural Sciences of Philadelphia. (Tracts.)
8vo. Philadelphia, 1856.
- . Description of four new Freshwater Mollusks from the Isthmus of Darien and Honduras. (Tract.)
8vo. Philadelphia, 1858.
- . Descriptions of a new *Helix* and two new *Planorbis*. (Tract.)
8vo. Philadelphia, 1858.
- . Descriptions of eight new species of *Unio* from Tennessee, Alabama, and North Carolina. (Tract.)
8vo. Philadelphia, 1858.
- . Descriptions of seven new species of *Margaritana*, and four new species of *Anodonta*. (Tract.)
8vo. Philadelphia, 1858.
- . Descriptions of twelve new species of *Uniones* and other Fresh-water Shells of the United States. (Tract.)
8vo. Philadelphia, 1858.
- . Descriptions of twenty-seven new species of *Uniones* from Georgia. (Tract.)
8vo. Philadelphia, 1858.
- . *Margaritana complanata* and *Unio multiplicatus*. (Tract.)
8vo. Philadelphia, 1858.
- . On the Age of the Red Sandstone of Pennsylvania. (Tract.)
8vo. Philadelphia, 1858.
- . On the Cretaceous Formation of the United States. (Tract.)
8vo. Philadelphia, 1858.
- . On *Unio rubiginosus*. (Tract.)
8vo. Philadelphia, 1858.
- . Remarks on the Unionidæ of Nebraska Territory and Red River of the North. (Tract.)
8vo. Philadelphia, 1858.
- . (Check-list of the Shells of North America.) Unionidæ. (Tract.)
8vo. Washington, 1860.
- . Descriptions of eight new species of Unionidæ from Georgia, Mississippi, and Texas; of twenty-one new species of Exotic Unionidæ; and of two new species of *Uniones* from Georgia; Remarks on the death of Alexander von Humboldt; Descriptions of twelve new species of *Uniones* from Georgia, and other papers on Unionidæ, etc. (Tract.)
8vo. Philadelphia, 1860.
- . Publications on recent Conchology, extracted from a list of American Writers on recent Conchology, by George W. Tryon, Jun. (Tract.)
8vo. Philadelphia, 1861.
- . Check-list of the Shells of North America. Unionidæ. (Tract.)
8vo. Washington, 1862.
- . Conchological Papers:—Remarks on the number of Unionidæ; Descriptions of fifteen new species of Uruguayan Unionidæ; Descriptions of four new species of Unionidæ from Brazil and Buenos Ayres; Remarks on the color of the Unionidæ; Descriptions of four new species of *Melania* of the United States; Descriptions of

five new species of *Uniones* from North America; Remarks on the form of the Palpi of *Anodontæ* from Uruguay; Remarks on *Physæ* in a cistern; Remarks on *Echinus* perforating granite; Descriptions of fourteen new species of *Schizostoma*, &c., and reclamation of the name; Descriptions of two new species of *Uniones* from Georgia; Descriptions of three new species of *Uniones* from Mexico; Descriptions of seven new species of *Unionidæ* from the United States; Descriptions of six new species of *Unionidæ* from Alabama; Descriptions of three new species of exotic *Unionidæ*; Descriptions of twenty-five new species of *Unionidæ*; Description of a new species of *Neritina* from Coosa River; Descriptions of two new species of *Anodontæ* from Arctic America; Descriptions of new species of *Schizostoma*, &c.; Descriptions of twelve new species of *Uniones* from Alabama; Description of a new genus (*Strephobasis*); Descriptions of forty-nine new species of *Melanidæ*; Descriptions of new Fossil Mollusca from New Jersey; Descriptions of eleven new species of the genus *Unio*; Descriptions of seven new species of the genus *Io*. (Tract.) 8vo. Philadelphia, 1862.

Lea (Isaac). Description of a new genus (*Trypanostoma*) of the Family *Melanidæ*, and of forty-five new species. (Tract.)

8vo. Philadelphia, 1862.

——. Descriptions of eleven new species of *Melanidæ* of the United States. (Tract.) 8vo. Philadelphia, 1862.

——. Conchological Papers, viz.:—On *Leaia Leidy* = *Cypricardia Leidy*; Descriptions of fourteen new species of *Melanidæ*; Descriptions of eleven new species of Exotic *Unionidæ*; Descriptions of twenty-four new species of *Unionidæ*; Descriptions of a new species of *Unio* and a *Monocondylæa*; Description of a new genus of the family *Melanidæ*; Descriptions of eleven new species of *Melanidæ*; Description of and remarks on *Planorbis Newberryi*; Descriptions of six new species of *Unionidæ* from Lake Nyassa; Descriptions of six new species of *Succinea*, etc.; Descriptions of thirteen new species of *Melanidæ*; Description of a new species of *Planorbis*; Descriptions of five new species of *Lymnea*; Descriptions of two new species of *Unionidæ* from South Africa; Descriptions of twenty-four new species of *Physa*; Descriptions of six new species of Western Asiatic *Unionidæ*; Descriptions of three new species of Exotic *Uniones*; and descriptions of eight new species of *Unio*. (Tract.)

8vo. Philadelphia, 1866.

——. Tables of the Rectification of Mr. T. A. Conrad's "Synopsis of the family of Naiades of North America." (Tract.)

8vo. Philadelphia, 1866.

——. Conchological and Mineralogical Papers, viz.:—Descriptions of twelve new species of *Unionidæ* from South America; Notes on some members of the Feldspar family; Descriptions of two new species of the genus *Lithasia*; Descriptions of five new species of the genus *Unio*; On two new Minerals from Chester Co., Penn.; Descriptions of five new species of *Unionidæ* and one *Paludina* of the United States; Descriptions of nine species of *Unionidæ* from Lake Nicaragua, Central America; Descriptions of sixteen new species of the genus *Unio* of the United States; Notes on some sin-

gular forms of Chinese species of *Unio*; Descriptions of four new species of Exotic Unionidæ; Descriptions of twenty-six new species of Melanidæ of the United States; Descriptions of seven new species of *Unio* from North Carolina; Descriptions of two new species of Unionidæ from Equador; and descriptions of Unionidæ from the Lower Cretaceous formation of New Jersey. (Tract.)

8vo. *Philadelphia*, 1868

Lea (Isaac). Notes on Microscopic Crystals included in some Minerals. (Tract.)

8vo. *Philadelphia*, 1869.

——. Notes on Microscopic Crystals in some of the Gems, etc. (Tract.)

8vo. *Philadelphia*, 1869.

——. A Synopsis of the Family Unionidæ. 4th edition.

4to. *Philadelphia*, 1870.

——. Conchological and Mineralogical Papers, viz.:—Notes on Microscopic Crystals included in some Minerals; Further notes on Microscopic Crystals in some of the Gems, etc.; Descriptions of six new species of Freshwater Shells; Descriptions of three new species of Exotic Unionidæ; Descriptions of twenty new species of *Uniones* of the United States; Descriptions of twenty-nine species of Unionidæ of the United States; Descriptions of seven new species of Unionidæ of the United States; Descriptions of three new species of *Uniones* of the United States. [1869–1873.] (Tract.)

8vo. *Philadelphia*, 1874.

——. A Catalogue of *his* published works from 1817 to 1876. (Tract.)

8vo. *Philadelphia*, 1876.

——. Further notes on “Inclusions” in Gems, etc. (Tract.)

8vo. *Philadelphia*, 1876.

——. See FOULKE (William Parker).

—— and **Lea** (Henry C.). Description of a new genus of the family Melaniana, and of many new species of the genus *Melania*, etc.; also Descriptions of five new species of *Anodontæ*, collected in the East Indies. (Tract.)

8vo. *London*, 1851.

Lea (Thomas G.). Catalogue of Plants, native and naturalized, collected in the vicinity of Cincinnati, Ohio, during the years 1834–1844.

(Tract.)

8vo. *Philadelphia*, 1849.

Leader (J. D.). See BRITISH ASSOCIATION. Sheffield Guide-Book.

Lebesconte (Paul). See TROMELIN (Gaston le Goarant de).

Leblanc (Félix). See SAINTE-CLAIRE DEVILLE (Charles).

Lebossu (—). Manuel du toiseur en bâtimens. 1^e partie. Terrasse et maçonnerie.

12mo. *Paris*, 1832.

Leboucher (—). Rapport sur un météore qui a ravagé les communes de Douvres et de Luc, près Caen, au mois de Septembre, 1849.

(Tract.)

4to. *Caen*, 1849.

Lebour (G. A.). Notes on Stauroilite, in connexion with Metamorphism.

(Tract.)

8vo. *London*, 1873.

——. The Geology of the Redesdale Ironstone District. (Tract.)

8vo. *Newcastle-on-Tyne*, 1873.

——. On the Deposits now forming in British Seas. (Tract.)

8vo. *London*.

——. On the Limits of the Yoredale Series in the North of England.

(Tract.)

8vo. *London*, 1875.

- Lebour** (G. A.). On the "Little Limestone" and its accompanying Coal in South Northumberland. (Tract.) 2 copies.
8vo. *Newcastle-on-Tyne*, 1875.
- . On the geological relations of the Secondary Iron ores of France. (Tract.) 8vo. *Newcastle-on-Tyne*, 1876.
- . The Carrara Marbles. (Tract.) 8vo. *London*, 1876.
- . Outlines of the Geology of Northumberland.
8vo. *Newcastle-on-Tyne and London*, 1878.
- . See **HERSCHEL** (A. S.).
- and **Fryar** (Mark). On the Harkess Rocks, near Bamburgh. (Tract.) 8vo. *Newcastle-on-Tyne*, 1877.
- Le Brun** (—). Odes sur Lisbonne, et sur les causes physiques des tremblemens de terre de 1755. 2^e édition. (Tract.)
8vo. *The Hague*, 1756.
- Leckenby** (John). On the Kelloway Rock of the Yorkshire Coast. (Tract.) 8vo. *London*, 1858.
- Le Conte** (John L.). See **MELSHEIMER** (Friedrich Ernst).
- and **Horn** (George H.). The Rhynchophora of America north of Mexico. 8vo. *Philadelphia*, 1876.
- Lecoq** (Henri). Note sur les petits lacs des terrains basaltiques de l'Auvergne. (Tract.) 8vo. *Clermont-Ferrand*, 1838.
- . Réclamation adressée, à l'occasion de communications faites à l'Académie, par M. C. Prévost et M. E. Collomb, concernant l'époque à laquelle les glaciers ont commencé à jouer un rôle dans les formations géologiques; Réponse de M. Constant Prévost, et Note additionnelle par M. Constant Prévost. (Tract.) 4to. *Paris*, 1851.
- . Sur la géologie du plateau centrale de la France et sur la grande carte géologique du département du Puy-de-Dôme. (Tract.)
8vo. *Clermont-Ferrand*, 1863.
- . Les époques géologiques de l'Auvergne. 5 vols. 8vo. *Paris*, 1867.
- . L'eau sur le plateau central de la France.
8vo. *Paris, London, New York, and Madrid*, 1871.
- and **Bouillet** (J. B.). Vues et coupes des principales formations géologiques du département du Puy-de-Dôme. 8vo. *Paris*, 1830.
- Lecousturier** (A. F.). Dictionnaire des postes aux lettres. 4 vols.
8vo. *Paris*, 1817.
- Le Docte** (Henri). Exposé général de l'agriculture luxembourgeoise.
8vo. *Brussels*, 1849.
- . Mémoire sur la chimie et la physiologie végétales et sur l'agriculture. 8vo. *Brussels*, 1849.
- Le Duc** (E. Viollet). See **VIOLLET LE DUC** (E.).
- Leducq** (—). Du développement de la production du fer dans le nord-ouest de la France, etc. (Tract.) 8vo. No date.
- Lee** (John Edward). Rough catalogue of a geological collection at Villa Syracuse, Torquay. 8vo. *Torquay*, 1880.
- . See **KELLER** (Ferdinand).
- Lee** (William). Catalogue of his valuable Collection of Fossil and Organic Remains . . . from the Mountain Limestone of the County of Derby. (Tract.) 8vo. *London*, 1859.
- Lee** (Samuel). See **IBN BATŪTA**.
- Leeds Water Supply**. See **DRESSER** (C. L.).

Lees (F. Arnold). See **DAVIS** (James W.).

Leeuwenhoek (Anton van). *Epistolæ physiologicæ super compluribus naturæ arcanis.* 4to. *Delft*, 1719.

Lefebvre (—). *Considérations relatives à la législation et à l'administration des mines.* (Tract.) 8vo. *Paris*, 1802.

Lefebvre (—). *Note sur les courants de l'océan Atlantique entre l'équateur et le 10° degré de latitude N.* (Tract.) 8vo. *Paris*, 1857.

Levevre (Théodore). *Une anomalie observée chez le *Pecten corneus*, Sow.* (Tract.) 8vo. *Brussels*, 1873.

——. *Note sur la présence de l'Ergeron fossilifère dans les environs de Bruxelles.* (Tract.) 8vo. *Brussels*, 1875.

——. *Note sur le gisement des fruits et des bois fossiles recueillis dans les environs de Bruxelles.* (Tract.) 8vo. *Liège*, 1875.

——. *Rapport sur la description de la *Rostellaria robusta* de M. Rutot.* (Tract.) 8vo. *Brussels*, 1876.

——. *Sur la disposition d'un travail préparatoire à la rédaction des listes paléontologiques.* (Tract.) 8vo. *Brussels*, 1876.

——. *Excursions malacologiques à Valenciennes, Soissons et Paris, Septembre 1876.* (Tract.) 8vo. *Brussels*, 1877.

——. *Rapport sur le travail de M. Vincent, intitulé Description de la faune de l'étage Landenien inférieur de la Belgique.* (Tract.) 8vo. *Brussels*, 1877.

——. *Description de l'Ovule des environs de Bruxelles, *Ovula (Strombus) gigantea*, Münst., sp. [Recherches paléontologiques. Les grandes Ovules des terrains éocènes.]* 4to. *Brussels*, 1878.

——. *Note succincte sur les *Rostellaria ampla* de l'éocène et de l'oligocène.* (Tract.) 8vo. *Brussels*, 1878.

——. See **DAVIDSON** (Thomas).

—— and **Vincent** (G.). *Note sur la faune Laekénienne supérieure des environs de Bruxelles.* (Tract.) 8vo. *Brussels*, 1872.

—— and **Watelin** (A.). *Description de deux Solens nouveaux. Addition à la faune tertiaire du bassin de Paris.* 4to. *Brussels*, 1877.

Léger (—). *Notes sur les chaux hydrauliques du Bas-Rhin.* (Tract.) 4to. *Strasburg*, 1830.

Le Goarant de Tromelin (Gaston). See **TROMELIN** (Gaston le Goarant de).

Legrand (—). *Voyage fait en 1787 et 1788, dans la ci-devant Haute et Basse Auvergne, aujourd'hui départemens du Mont-d'Or, du Cantal et partie de celui de la Haute-Loire.* 3 vols. 8vo. *Paris*, 1794–95.

Legrand (—). *La nouvelle société Indo-chinoise fondée par M. le Marquis de Croizier et son ouvrage l'art Khmer.* (Tract.) 8vo. *Paris*, 1878.

Lehaie (A. Houzeau de). See **HOUZEAU DE LEHAIE** (A.).

Lehigh Coal Company. *Report of the Board of Managers of the Lehigh Coal and Navigation Co.* 8vo. *Philadelphia*, 1869.

Lehmann (J.). See **SURVEYS: SAXONY**.

Lehmann (Johann Christian von). *Der Basalt, chemisch und physisch beurtheilt.* (Tract.) 8vo. *Frankfort*, 1789.

Lehmann (Johann Georg). *Anweisung zum richtigen Erkennen und genauen Abbilden der Erd-Oberfläche, in topographischen Karten und Situations-Planen.* 4to. *Dresden*, 1812.

- Lehmann** (Johann Gottlob). Abhandlung von den Metall-Müttern und der Erzeugung der Metalle. 8vo. *Berlin*, 1753.
- . Versuch einer Geschichte von Flötz-Gebürge, betreffend deren Entstehung, Lage, darinne befindliche Metallen, Mineralien und Fossilien. 8vo. *Berlin*, 1756.
- . L'art des mines, ou Introduction aux connoissances nécessaires pour l'exploitation des mines métalliques. 3 vols. 8vo. *Paris*, 1759.
- . Cadmiologia, oder Geschichte des Farben-Kobolds, nach seinen Nahmen, Arten, Lagerstädten, etc. 4to. *Königsberg*, 1761.
- . Physikalisch-chymische Schriften, als eine Fortsetzung der Probier-Kunst. 8vo. *Berlin*, 1761.
- . ———. 2te Auflage. 8vo. *Berlin*, 1775.
- . Entwurf einer Mineralogie zum Dienst der Studierenden. 3te Auflage. 8vo. *Frankfort and Leipzig*, 1769.
- Le Hon** (H.). Périodicité des grands déluges resultant du mouvement graduel de la ligne des apsides de la terre. (Tract.) 8vo. *Brussels, Leipzig, and Paris*, 1858.
- . Histoire complète de la grand eruption du Vésuve de 1631. 8vo. *Brussels*, 1865.
- . See KONINCK (L. de).
- Leibnitz** (Gottfried Wilhelm von). Summa Polyhistoris Protogaea, . . . in lucem edita a Christian Ludowic Schiedius. 4to. *Göttingen*, 1749.
- Leichhardt** (Ludwig). Notes on the Geology of parts of New South Wales and Queensland, made in 1842–43, edited by W. B. Clarke. (Tract.) 8vo. *Sydney*, 1866.
- Leidy** (Joseph). On a new genus and species of fossil Ruminantia: *Poebrotherium Wilsoni*. (Tract.) 8vo. *Philadelphia*, 1847.
- . On a new fossil genus and species of Ruminantoid Pachydermata: *Merycoidodon Culbertsonii*. (Tract.) 8vo. *Philadelphia*, 1848.
- . On *Bathynathus borealis*, an extinct Saurian of the New Red Sandstone of Prince Edward's Island. (Tract.) 2 copies. 4to. *Philadelphia*, 1850–54.
- . (On Mammalian and Chelonian Fossils from the Mauvaises Terres of Nebraska.) (Tract.) 8vo. *Washington?*, 1852.
- . (On the remains of Extinct Cetacea from the Greensand of New Jersey.) (Tract.) 8vo. *Philadelphia?*, 1852–53.
- . The Ancient Fauna of Nebraska. (Tract.) 4to. *Washington*, 1853.
- . A Memoir on the extinct Sloth Tribe of North America. (Tract.) 4to. *Washington*, 1855.
- . Descriptions of some Remains of Fishes from the Carboniferous and Devonian Formations of the United States, (and) Descriptions of some Extinct Mammalia. (Tract.) 4to. *Philadelphia*, 1856.
- . Notice of the Remains of the Walrus discovered on the coast of the United States; Description of remains of Fishes from the Carboniferous Limestone of Illinois and Missouri; Remarks on *Sauropscephalus* and its Allies; Observations on the Extinct Peccary of North America; (and) Remarks on the Structure of the Feet of *Megalonyx*. (Tract.) 4to. *Philadelphia*, 1857.
- . Extinct Vertebrata from the Judith River and Great Lignite Formations of Nebraska. (Tract.) 2 copies. 4to. *Philadelphia*, 1859.
- See also HAYDEN (F. V.).

- Leidy (Joseph).** Cretaceous Reptiles of the United States. 4to. *Philadelphia*, 1865.
- . Description of Vertebrate Remains, chiefly from the Phosphate Beds of South Carolina. (Tract.) 4to. *Philadelphia*, 1877.
- . See FOULKE (William Parker); HOLMES (Francis S.); and SURVEYS, UNITED STATES.
- Leifchild (J. R.).** Cornwall: its Mines and Miners. 8vo. *London*, 1855.
- Leigh (Charles).** The Natural History of Lancashire, Cheshire, and the Peak, in Derbyshire. 8vo. *Oxford and London*, 1700.
- Leighton (W. A.).** The British species of Angiocarpous Lichens, elucidated by their Sporidia. [Ray Society.] 8vo. *London*, 1851.
- Leith (John).** The Seat of Power. (Tract.) 8vo. *Christchurch*, 1875.
- Leithart (John).** Practical observations on the mechanical structure, mode of formation, the repletion or filling up, and the intersection and relative age of mineral veins, etc. (Tract.) 8vo. *London*, 1838.
- Leitner (W. G.).** Results of Tour [1865–1866] in “Dardistan, Kashmir, Little Tibet, Ladak, Zanskar,” &c. Vol. I. parts 1 & 2. The Languages and Races of Dardistan. 4to. *Lahore and London*, 1869.
- Léman (S.).** Considérations sur les pierres, les masses de fer et les poussières, dites météoriques. (Tract.) 8vo. *Paris*, 1818.
- . See DUFRESNE (L.).
- Lemberg (Johann).** Chemische Untersuchung eines unterdevonischen Profils an der Bergstrasse in Dorpat. (Tract.) 8vo. *Dorpat*, 1866.
- . Die Gebirgsarten der Insel Hochland, chemisch-geognostisch untersucht. (Tract.) 8vo. *Dorpat*, 1868.
- . Die Gebirgsarten der Insel Hochland, chemisch-geognostisch untersucht. (Tract.) 8vo. *Dorpat*, 1877.
- . Ueber Silicatumwandlungen. (Tract.) 8vo. *Dorpat*, 1877.
- Lenhossék (Józef).** Polymikroskop. (Tract.) 4to. *Pesth*, 1877.
- Lennier (G.).** Etudes géologiques et paléontologiques sur l'embouchure de la Seine et les falaises de la Haute-Normandie. 4to. *Havre*, no date.
- Lennox (Arthur).** See SAWKINS (James Gay).
- Le Normand (L. Seb.).** Manuel du relieur dans toutes ses parties. 12mo. *Paris*, 1827.
- Lentilhac (E. de) and Guilbert (L.).** Rapport sur la Double. (Tract.) 8vo. *Périgueux*, 1863.
- Lenz (Oskar).** Ueber das Auftreten jurassischer Gebilde in Böhmen. (Tract.) 8vo. *Halle*, 1870.
- . Beiträge zur Geologie der Fruska Gora in Syrmien. (Tract.) 8vo. *Vienna*, 1873.
- . Geological Notes on Western Africa. (Tract.) 2 copies. 8vo. *London*, 1879.
- Leonardus (Camillus).** The Mirror of Stones. 8vo. *London*, 1750.
- Leone (Andrea de).** Giornale, e notizie de' tremuoti accaduti l'anno 1783 nella provincia di Catanzaro. 8vo. *Naples*, 1783.
- Leonhard (Gustav).** Beiträge zur Geologie der Gegend um Heidelberg. (Tract.) 8vo. *Heidelberg*, 1844.
- . Die Quarzführenden Porphyre, nach ihrem Wesen, ihrer Verbreitung, ihrem Verhalten zu abnormen und normalen Gesteinen, so wie zu Erzgängen. 2 copies. 8vo. *Stuttgart*, 1851.

- Leonhard (Gustav).** Beiträge zur mineralogischen und geognostischen Kenntniss des Grossherzogthums Baden. 8vo. *Stuttgart*, 1854.
- . Grundzüge der Geognosie und Geologie. 8vo. *Leipzig and Heidelberg*, 1874.
- . See DELESSE (A.), EZQUERRA DEL BAYO (Joaquin), and MURCHISON (Sir Roderick Impey).
- Leonhard (Karl Cäsar von).** Handbuch einer allgemeinen topographischen Mineralogie. 3 vols. 8vo. *Frankfort*, 1805–09.
- . Bedeutung und Stand der Mineralogie. 4to. *Frankfort*, 1816.
- . Zu Werners Andenken. (Tract.) 8vo. *Frankfort*, 1817.
- . Phonolith-Berge der Rhön. (Tract.) 8vo. *Frankfort*, 1827.
- . Agenda geognostica. Hülfsbuch für reisende Gebirgsforscher und Leitfaden zu Vorträgen über angewandte Geognosie. 12mo. *Heidelberg*, 1829.
- . Die Basaltgebilde in ihren Beziehungen zu normalen und abnormen Felsmassen. 2 vols. 8vo; Atlas, 4to. *Stuttgart*, 1832.
- . Lehrbuch der Geognosie und Geologie. 8vo; Plates, 4to. *Stuttgart*, 1835.
- . Hütten-Erzeugnisse als Stützpunkte geologischer Hypothesen. (Tract.) 8vo. *Stuttgart*, 1852.
- . Künstlicher Glimmer. Ein Bruchstück aus: Hütten-Erzeugnisse als Stützpunkte geologischer Hypothesen. (Tract.) 8vo. *Stuttgart?*, 1854.
- . See BOUÉ (Ami).
- and Gmelin (L.). Nephelin in Dolerit am Kazzenbukkel. (Tract.) 2 copies. 8vo. *Heidelberg*, 1822.
- , Kopp (J. H.), and Gärtner (C. L.). Einleitung und Vorbereitung zur Mineralogie. I. Theil. Systematisch-tabellarischen Uebersicht und Charakteristik der Mineralkörper. Fol. *Frankfurt*, 1817.
- and Selb (C. J.). Mineralogische Studien. 1^{re} Theil. 8vo. *Nuremberg*, 1812.
- and Vogel (H. A.). Mineralogisch-chemische Untersuchungen des Triphan's und Tantalits. (Tract.) 3 copies. 8vo. *Munich*, 1818.
- Lepsius (Richard).** Beiträge zur Kenntniss der Juraformation im Unter-Elsass. 8vo. *Leipzig*, 1875.
- . Das westliche Süd-Tirol. 4to. *Berlin*, 1878.
- Le Puillon de Boblaye (Emile).** Biographical Notices. See ROZET (C. A.) and VIRLET-D'Aoust (T.).
- . Mémoire sur la formation jurassique dans le nord de la France. (Tract.) 8vo. *Paris*, 1829.
- . Recherches sur les roches désignées par les anciens sous les noms de Marbre Lacédémonien et d'Ophites. 4to. *Paris*, 1833.
- . See SERIALS, ETC.: PARIS. Société Géologique de France.
- and Virlet (Théodore). Expedition scientifique de Morée. Tome ii. 2^e partie. Géologie et Minéralogie. 4to. *Paris*, 1833.
- Le Saulnier de Vauhello (—).** Mémoire sur les attéragés des côtes occidentales de France, etc. 4to. *Paris*, 1833.
- Leschevin (Ph. X.).** Notice sur l'ouvrage singulier intitulé: Lithographia Wirceburgensis, et sur la mystification qui y a donné lieu. 8vo. *Paris*, 1808.
- * * See BERINGER (Johann Barthol. Adam). Lithographia Wirceburgensis, etc.

- Leske** (Nathanael Gottfried). *Reise durch Sachsen*. 4to. *Leipzig*, 1785.
 —. See **KLEIN** (Jacob Theodor).
- Leskean Museum**. See **KARSTEN** (Dietrich Ludwig Gustav).
- Lesley** (J. P.). *Section of Coal-measures on the Cape-Breton Coast*. (Tract.) 8vo. *Philadelphia?*, 1862.
 —. *Mont Alto Lignite and Appalachian Erosion*. (Tract.) 8vo. *Philadelphia*, 1864.
 —. *Petroleum. Geological Report on Lands on Paint Lick Fork of Sandy River, in Eastern Kentucky*. (Tract.) 8vo. *Philadelphia*, 1865.
- Lesquereux** (Leo). *An Enumeration with descriptions of some Tertiary fossil plants, from specimens procured in the explorations of Dr. F. V. Hayden in 1870*. (Tract.) 8vo. *Washington*, 1872.
 —. *Report on the Cretaceous and Tertiary Floras of the Western Territories*. (Tract.) 8vo. *Washington*, 1874.
 —. *A Review of the Fossil Flora of North America*. (Tract.) 8vo. *Washington*, 1875.
 —. I. *On some new Species of Fossil Plants of the Lignitic Formations*.—II. *New Species of Fossil Plants from the Cretaceous Formation of the Dakota Group*. (Tract.) 8vo. *Washington*, 1876.
 See also **HAYDEN** (F. V.); and **SURVEYS, UNITED STATES**.
- Lesseps** (Ferdinand de). *Percement de l'isthme de Suez. Atlas des cartes, plans, sondages, profils, et forages*. (Troisième Série des Documents.) 4to. *Paris*, 1856.
- Lesson** (Réné-Primeverre). *Manuel de Mammalogie, ou Histoire naturelle des Mammifères*. 12mo. *Paris*, 1827.
 —. *Manuel d'Ornithologie, ou Description des genres et des principales espèces d'oiseaux*. 2 vols. 12mo. *Paris*, 1828.
- Lessona** (M.) and **Gastaldi** (B.). *I terreni terziarii del Piemonte e della Liguria. Relazione intorno ad una memoria del Prof. Bellardi avente per titolo I Molluschi dei terreni terziarii del Piemonte e della Liguria. Parte 2a*. (Tract.) 8vo. *Turin*, 1874.
- Lesueur** (Charles Alexandre). *Description of two new species of *Exocetus**. (Tract.) 8vo. *Philadelphia*, 1821.
 —. (Descriptions of the new Genus *Mollienisia*, and of *Pœcilia multilineata*, *Lebia ellipsoidea*, and *Mollienisia latipinna*.) (Tract.) 8vo. *Philadelphia*, 1821.
- Le Touzé de Longuemar** (A.). See **LONGUEMAR** (A. le Touzé de).
- Lettsom** (William G.). See **GREG** (Robert Phillips).
- Leuze** (M. de). See **HALLER** (M. de).
- Levchine** (Alexis de). *Description des hordes et des steppes des Kirghiz-Kasaks. Traduite du russe par Ferry de Pigny; revue et publiée par E. Charrière*. 8vo. *Paris*, 1840.
- Levi** (Leone). *Knowledge, a Condition of Success*. (Tract.) 8vo. *London*, 1870.
- Lewis** (James). *Suggestions to Collectors [especially . . . of the Land and Freshwater Shells of the United States]*. (Tract.) 8vo. *Mohawk, N.Y.*
- Lewis** (J. W.). See **REPORTS, COLONIAL, ETC.** *South Australia*.
- Lewy** (Bernhard Karl). *Note sur la cire des Abeilles*. (Tract.) 8vo. *Paris*, 1843.

- Lewy** (Bernhard Karl). Note sur la composition de la paraffine. (Tract.)
8vo. *Paris*, 1843.
- . Recherches sur la composition de l'air atmosphérique. (Tract.)
8vo. *Paris*, 1843.
- Leymerie** (Alexandre). Mémoire sur la partie inférieure du système secondaire du département du Rhône. (Avec rapport sur le même par M. Elie de Beaumont, etc.) (Tract.) 4to. *Paris*, 1838.
- . Notice familière sur la géologie du Mont-d'Or Lyonnais. (Tract.)
8vo. *Lyons*, 1838.
- . Mémoire sur le terrain crétacé du département de l'Aube.
4to. *Paris*, 1842.
- . Mémoire sur le terrain à Nummulites (Epicrétacé) des Corbières et de la Montagne Noire. (Tract.) 4to. *Paris*, 1846.
- . Statistique géologique et minéralogique du département de l'Aube.
8vo; Atlas, 4to. *Troyes, Paris, and London*, 1846.
- . Mémoire sur un nouveau type Pyrénéen parallèle à la craie proprement dite. (Tract.) 4to. *Paris*, 1849.
- . Essai d'une méthode éclectique ou Wernérienne de Minéralogie. (Tract.) 8vo. *Paris*, 1853.
- . Catalogue des travaux géologiques et minéralogiques publiés jusqu'en 1870. (Tract.) 8vo. *Paris and Toulouse*, 1869.
- . Éléments de Géologie. 3^e édition. 8vo. *Paris*, 1878.
- . Éléments de Minéralogie et de Lithologie. 8vo. *Paris*, 1878.
- . Mémoire sur le type Garumnien, comprenant une description de la montagne d'Ausseing, un aperçu des principaux gîtes du département de la Haute-Garonne, et une notice sur la faune d'Anzas, suivi d'une description des oursins de la colonie. (Tract.)
8vo. *Paris*, 1878.
- . See **JOLY** (N.).
- and **Cotteau** (Gustave). Catalogue des Echinides fossiles des Pyrénées. (Tract.) 8vo. *Paris*, 1856.
- L'Herminier** (Felix). Notes sur la soufrière Guadeloupe. (Tract.)
MS. 1811?
- . Histoire naturelle, Géologie. Essai géologique sur l'état primitif des Antilles. MS.
- Lhotsky** (John). A Journey from Sydney to the Australian Alps, undertaken in 1834. (Tract.) 8vo. *Sydney*, 1835.
- . Sketches of Tasman's Peninsula. (Tract.) 8vo. *Hobart Town*, 1837.
- Liais** (Emmanuel). Climats, géologie, faune et géographie botanique du Brésil. 8vo. *Paris*, 1872.
- Liancourt** (C. A. de G.). An Appeal against the present mode of teaching French, etc. (Tract.) 8vo. *London*, no date.
- Libraries, Catalogues of.**
- AMERICAN PHILOSOPHICAL SOCIETY.** Catalogue of the Library.
8vo. *Philadelphia*, 1824.
- . ———. Parts I.—III. 8vo. *Philadelphia*, 1863–78.
- AUSTRIAN GEOLOGICAL SURVEY** (Reichsanstalt). Katalog der Bibliothek des k.-k. Hof-Mineralien-Cabinets in Wien, zusammengestellt von Paul Partsch. 4to. *Vienna*, 1851.
- BERLIN.** Königliche preussische geologische Landesanstalt und Bergakademie. Katalog der Bibliothek, mit Nachtrag 1875–79.
8vo. *Berlin*, 1876, 1880.

Libraries, Catalogues of.

- BRUSSELS. Académie Royale des Sciences. Catalogue des livres de la Bibliothèque. (Tract.) 8vo. *Brussels*, 1850.
- . Bibliothèque de M. le baron de Stassart, léguée à l'Académie Royale de Belgique. 8vo. *Brussels*, 1863.
- CALCUTTA PUBLIC LIBRARY. Catalogue. (Tract.) 8vo. *Calcutta*, 1846.
- GEOGRAPHICAL SOCIETY (ROYAL). Catalogue of the Library, corrected to May 1851. (Tract.) 8vo. *London*, 1852.
- . Classified Catalogue of the Library to December 1870. 8vo. *London*, 1871.
- GEOLOGISTS' ASSOCIATION. Catalogue of the Library. 8vo. *London*, 1879.
- HAARLEM. Hollandsche Maatschappij der Wetenschappen. Listes des Publications des Sociétés savantes et des Gouvernements, ainsi que des journaux scientifiques qui se trouvent dans la Bibliothèque de la Société. 8vo. *Haarlem*, 1869.
- INSTITUTE OF ACTUARIES of Great Britain and Ireland. Catalogue of the Library corrected to July 1852. (Tract.) 8vo. *London*, 1852.
- . Constitution and Laws, List of Members, and Catalogue of Books 1851–55 and 1860. 8vo. *London*, 1851–60.
- INSTITUTION OF CIVIL ENGINEERS. Library Catalogue, and Regulations of the Telford Premiums. (Tract.) 8vo. *London*, 1857.
- ISLE OF WIGHT INSTITUTION. Catalogue of the Books . . . and of the Museum. (Tract.) 8vo. *Newport*, 1848.
- LONDON INSTITUTION. Catalogue of the Library. 8vo. *London*, 1813.
- . Catalogue of the Library, systematically classed. 4 vols. 8vo. *London*, 1835–52.
- LONDON LIBRARY. Catalogue. (Tract.) 8vo. *London*, 1842.
- . Catalogue. 2nd edition, by J. G. Cochrane. 2 vols. 8vo. *London*, 1847–52.
- MANCHESTER FREE LIBRARY. Catalogue of the Books. 8vo. *London*, 1864.
- MANCHESTER GEOLOGICAL SOCIETY. Catalogue of the Library. (Tract.) 8vo. *Manchester*, 1875.
- MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY. Catalogue of Books in the Library. (Tract.) 8vo. *Manchester*, 1875.
- MANCHESTER MECHANICS' INSTITUTION. Catalogue of the Library &c. 8vo. *Manchester*, 1854.
- MELBOURNE. Catalogue of the Melbourne Public Library for 1861. 8vo. *Melbourne*, 1861.
- MUSEUM OF PRACTICAL GEOLOGY and Geological Survey. Catalogue of the Library, compiled by H. White and T. W. Newton. 8vo. *London*, 1878.
- NEWCASTLE LITERARY AND PHILOSOPHICAL SOCIETY. Arranged Catalogue of the Library &c. (Tract.) 8vo. *Newcastle*, 1811.
- . Catalogue of the Library &c. 8vo. *Newcastle*, 1848.
- NEW YORK STATE LIBRARY. Catalogue. 2 vols. 8vo. *Albany*, 1856.
- . Catalogue 1872. Subject Index of the general Library. 8vo. *Albany*, 1872.

Libraries, Catalogues of.

- ROYAL ASIATIC SOCIETY.** Catalogue of the Chinese Library. By Rev. S. Kidd. (Tract.) 8vo. *London*, 1838.
- . Catalogue of the Historical Manuscripts in the Arabic and Persian languages preserved in the Library. By William H. Morley. (Tract.) 8vo. *London*, 1854.
- ROYAL COLLEGE OF SURGEONS.** Catalogue of the Library. 8vo. *London*, 1831.
- . Index. 8vo. *London*, 1832.
- ROYAL INSTITUTION.** Catalogue of the Library. By William Harris. 8vo. *London*, 1809.
- . Catalogue (New Classified) of the Library. By Benjamin Vincent. 8vo. *London*, 1857.
- . Additions to the Library, Nos. 6, 8–10, 15, and 17–20. (Tracts.) 8vo. *London*, 1863–77.
- ROYAL SOCIETY.** Catalogue of the Library. 4to. *London*, 1825.
- . Catalogue of the Scientific Books in the Library. 8vo. *London*, 1839.
- UNITED-SERVICE MUSEUM.** Catalogue of the Library. (Tract.) 8vo. *London*, 1836.
- UNIVERSITY COLLEGE, LONDON.** Catalogue of Books in the General Library and in the South Library. With an Appendix. 3 vols. 8vo. *London*, 1879–80.
- VIENNA.** Katalog der Bibliothek des k.-k. Hofmineralien-Kabinetts in Wien. 2nd edition. By Dr. Albrecht Schrauf. 8vo. *Vienna*, 1864.
- ZOOLOGICAL SOCIETY.** Catalogue of the Library. 8vo. *London*, 1872.
- See **ADMIRALTY PUBLICATIONS and SURVEYS**, Great Britain, Royal School of Mines.
- Libri** (G. B. J. T.). Catalogue d'une collection extraordinaire de livres, principalement sur les sciences mathématiques, etc. . . . provenant de sa Bibliothèque. (Tract.) 8vo. *Paris*, 1857.
- Libri** (Mélanie). A Petition addressed to the Senate in the case of M. Libri, with a note in support signed by MM. Guizot, etc. (Tract.) 8vo. *London*, 1861.
- Lichtenberg** (Ludwig Christian). See **DOLOMIEU** (Deodat de) and **ERXLEBEN** (J. C. P.).
- Liddell** (Robert Andrew). See **WILSON** (Joseph).
- Liebe** (K. Th.). See **GEINITZ** (H. B.).
- Liebenroth** (Fr. Er. von). Geognostische Beobachtungen und Entdeckungen in der Gegend von Dresden. (Tract.) 4to. *Weissenfels*, 1798.
- Lieber** (Oscar M.). Reports on the Survey of South Carolina, embracing the progress of the Survey during the years 1856–1859. 8vo. *Columbus, S.C.*, 1856–60.
- Liebig** (Justus von). Biographical Notices. See **ERLENMEYER** (Emil), **PETTENKOFER** (Max von), and **VOGEL** (Heinr. August).
- . Francis Bacon von Verulam, und die Geschichte der Naturwissenschaften. Rede in der öffentlichen Sitzung der k. (baye-rischen) Akademie der Wissenschaften am 28. März 1863 gehalten. (Tract.) 4to. *Munich*, 1863.
- . Induction und Deduction. (Tract.) 8vo. *Munich*, 1865.

- Liebig** (Justus von). Die Entwicklung der Ideen in der Naturwissenschaft. Rede in der öffentlichen Sitzung der k. (bayerischen) Akademie der Wissenschaften am 25. Juli 1866 gehalten.
4to. *Munich*, 1866.
- . See SERIALS, ETC.: GIESSEN, Jahresbericht; MUNICH, Akademie der Wissenschaften; and TURNER (Edward).
- Liebknecht** (G.). Hassiae subterraneae Specimen, clarissima testimonia diluvii universalis, hic et in locis vicinioribus occurrentia, ex triplici regno, animali, vegetabili et minerali petita, figurisque aeneis exposita, imò omnis antiquitatis exempla certissima exhibens, etc.
4to. *Giessen and Frankfurt*, 1730.
- Liège**. Réponse de l'Union des Charbonnages, Mines et Usines métallurgiques de la province de Liège, au Mémoire de M. Gustave Dumont, Des affaissements du sol produits par l'exploitation houillère.
4to, *Liège*, 1875.
- . See NAMUR AND LIÈGE RAILWAY.
- Lightning Expedition**. See CARPENTER (William Benjamin).
- Lilljeborg** (Wilhelm). On two Subfossil Whales discovered in Sweden.
4to. *Upsala*, 1867.
- . See ESCHRICHT (Reinhardt).
- Linant de Bellefonds** (Adolphe). Mémoire sur le lac Moeris. (Tract.)
4to. *Alexandria*, 1843.
- Lincklaen** (Ledyard). Guide to the Geology of New York, and to the State Geological Cabinet. (Tract.)
8vo. *New York*, 1861.
- Lindemann** (E. von). Index Plantarum usualium floræ Chersonensis. (Tract.)
8vo. *Odessa*, 1872.
- Lindley** (John). An Outline of the First Principles of Botany. (Tract.)
12mo. *London*, 1830.
- . Nixus Plantarum. (Tract.)
8vo. *London*, 1833.
- . Elements of Botany, Structural, Systematical, and Medical.
8vo. *London*, 1841.
- and **Hutton** (William). The Fossil Flora of Great Britain. 3 vols. 2 copies.
8vo. *London*, 1831–37.
- Lindner** (Ignaz Karl). Das kaiserliche königliche oberösterreichische und steyermärkische Salzkammergut mit den Umgebungen. (Tract.)
8vo. *Wels*, 1819.
- Lindsay** (William Lauder). On the Eruption, in May 1860, of the Kötlugjá Volcano, Iceland. (Tract.)
8vo. *Edinburgh*, 1861.
- . On the Geology of the Gold-fields of Auckland, New Zealand. (Tract.) 2 copies.
8vo. *London*, 1862.
- . Illustrations of the Geology and Mineralogy of Otago, New Zealand. (Tract.)
8vo. *Edinburgh*, 1863.
- . The place and power of Natural History in Colonization, with special reference to Otago, New Zealand. (Tract.)
8vo. *Edinburgh*?, 1863.
- . The Auriferous Quartzites of Scotland. (Tract.)
8vo. *Edinburgh*, 1875.
- . Contributions to Geology and Mineralogy. (Tract.)
8vo. *Edinburgh*?, 1876?
- Lindsey** (C.). An Investigation of the unsettled boundaries of Ontario.
8vo. *Toronto*, 1873.

- Lindström** (Gustaf). Några iakttagelser öfver *Zoantharia rugosa*. (Tract.) 8vo. *Stockholm*, 1865.
- . Om tvenne nya öfversiluriska koraller från Gotland. (Tract.) 8vo. *Stockholm*, 1868.
- . A Description of the *Anthozoa perforata* of Gotland. (Tract.) 4to. *Stockholm*, 1870.
- . See SURVEYS: SWEDEN.
- Link** (Heinrich Fr.). Versuch einer Anleitung zur geologischen Kenntniss der Mineralien. 8vo. *Göttingen*, 1790.
- . Beyträge zur Naturgeschichte. (Geologische und mineralogische Bemerkungen auf einer Reise durch das südwestliche Europa, besonders Portugal.) 2ter Theil. 8vo. *Rostock and Leipzig*, 1801.
- . The progress of Physiological Botany in 1841. Translated by E. Lankester. (Ray Society.) 8vo. *London*, 1841–42.
- . Report on Botany. Translated by J. Hudson. (Ray Society.) 8vo. *London*, 1846.
- . Report on Physiological Botany for 1844–1845. (Ray Society.) 8vo. *London*, 1849.
- Linnarsson** (J. G. O.). Om Vestergötlands cambriska och siluriska aflägringar. (Tract.) 4to. *Stockholm*, 1869.
- . On some Fossils found in the Eophyton Sandstone at Lugnås, in Sweden. (Tract.) 8vo. *Stockholm*, 1869.
- . En egendomlig Trilobitfauna från Jemtland. (Tract.) 8vo. *Stockholm*, 1875.
- . Öfversigt af Nerikes öfvergångsbildningar. (Tract.) 8vo. *Stockholm*, 1875.
- . Geologiska iakttagelser under en resa på Öland. (Tract.) 8vo. *Stockholm*, 1876.
- . On the Brachiopoda of the *Paradoxides* beds of Sweden. (Tract.) 8vo. *Stockholm*, 1876.
- . Om faunan i lagren med *Paradoxides ölandicus*. (Tract.) 8vo. *Stockholm*, 1877.
- . Iakttagelser öfver de graptolitförande skiffrarne i Skåne. (Tract.) 8vo. *Stockholm*, 1879.
- . Om försteningarne i de svenska lagren med *Peltura* och *Sphaerophthalmus*. (Tract.) 8vo. *Stockholm*, 1880.
- . See SURVEYS: SWEDEN.
- Linné** (Carolus a). Fauna Svecica, sistens animalia Sveciæ regni, Quadrupedia, Aves, Amphibia, Pisces, Insecta, Vermes, distributa per classes et ordines, genera et species. 8vo. *Stockholm*, 1746.
- . Systema Naturæ per Regna tria Naturæ, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. 12th edition. 4 vols. 8vo. *Stockholm*, 1766–67.
- . A General System of Nature, through the three grand kingdoms of Animals, Vegetables, and Minerals. Translated, amended, and enlarged by William Turton. Vols. I.–IV. and Vol. VII. (Animals and Minerals). 8vo. *London*, 1802–06.
- . Lettres inédites de C. Linné à F. Boissier de Sauvages. (Introduction and first 10 pages.) Publiées par L. A. Baron d'Hombres Firmas. 8vo. *Alais*, 1851.
- Lionnet** (G.). See BRYLINSKI (M.).
- Lioy** (Paoli). Biographical Notice. See CATULLO (Ant. Tomaso).

- Lippi (C.).** Qualche cosa intorno ai vulcani inseguito di alcune idee geologiche. All' occasione dell' eruzione del Vesuvio del 1812. (Tract.) 8vo. *Naples*, 1813.
- . Fu il fuoco, o l'acqua che sotterrò Pompei ed Ercolano? 8vo. *Naples*, 1816.
- . Il carbone fossile è la cagione de' vulcani. (Tract.) 8vo. *Naples*, 1820.
- . Sul progetto di doversi analizzare le acque minerali d'Ischia da una commissione della Real Academia di Scienze. (Tract.) 8vo. *Naples*, 1820.
- Lister (Martin).** *Historiæ animalium Angliæ tractatus tres.* 4to. *London*, 1678.
- . *Historiæ sive synopsis methodicæ Conchyliorum libri IV. Editio altera. Recensuit et indicibus auxit Gulielmus Huddesford.* Fol. *Oxford*, 1770.
- . *Editio tertia. Recensuit et indice locupletissimo instruxit L. W. Dillwyn. (Index only.)* Fol. *Oxford*, 1823.
- Listiny (J. B.).** See SARTORIUS VON WALTERSHAUSEN (W.).
- Liverpool and Manchester Railway.** Report [of the Directors]. (Tract.) 8vo. *Liverpool*, 1831.
- . See P * * * (F.).
- Liversedge (Archibald).** Report on the discovery of Diamonds at Bald Hill, near Hill End. (Tract.) 8vo. *Sydney*, 1873.
- . The Bingera Diamond Field. (Tract.) 8vo. *Sydney*, 1873.
- . Note on a new Mineral [Noumeite] from New Caledonia. (Tract.) 8vo. *London*, 1874.
- . Iron and Coal Deposits at Wallerawang, New South Wales. (Tract.) 8vo. *Sydney*, 1875.
- . Nickel Minerals from New Caledonia. (Tract.) 8vo. *Sydney*, 1875.
- . Disease in the Sugar Cane, Queensland. (Tract.) 8vo. *Sydney*, 1876.
- . Minerals of New South Wales. (Tract.) 8vo. *Sydney*, 1876.
- . On the Formation of Moss Gold and Silver. (Tract.) 8vo. *Sydney*, 1876.
- . Examples of Pseudo-Crystallization. (Tract.) 8vo. *Sydney*, 1877.
- . Fossiliferous Siliceous Deposit from the Richmond River, N.S.W. (Tract.) 8vo. *Sydney*, 1877.
- . On a remarkable example of Contorted Slate. (Tract.) 8vo. *Sydney*, 1877.
- . See EXHIBITION OF 1875 and REPORTS, COLONIAL, ETC. New South Wales.
- Livingstone Farewell Festival.** (Tract.) 8vo. *London*, 1858.
- Llanllechid Slate Quarries.** Papers relating to the Slate Quarries on the Crown's Estate on Llanllechid Common, in the County of Carnarvon. (Tract.) Fol. *London*, 1823.
- Lloyd (Bartholomew).** Biographical Notice. See SINGER (J. H.).
- . An Address delivered at the first annual meeting of the Geological Society of Dublin, 1832. (Tract.) 8vo. *Dublin*, 1832.
- Lloyd (Edward).** See LUDIUS, EDVARDUS.
- Lloyd (Colonel J. A.).** Papers relating to proposals for establishing Colleges of Arts and Manufactures for the better instruction of the Industrial Classes. (Tract.) 8vo. *London*, 1851.

- Lobley** (James Logan). Mount Vesuvius. 2 copies.
8vo. *London*, 1868.
- . On the Stratigraphical Distribution of the British fossil Brachio-
poda. (Tract.) 8vo. *London*, 1870.
- . The Study of Geology. (Tract.) 8vo. *London*, 1872.
- Locard** (Arnould). Description de la faune des terrains tertiaires moyens
de la Corse. Description des Echinides, par Gustave Cotteau.
8vo. *Paris and Geneva*, 1877.
- Locke** (John). Antiquity of Man. (Tract.) 8vo. *Dublin*, 1865.
- Locker** (Edward Hawke). Report on the Mines of Aldstone Moor.
(Tract.) Fol. *London?*, 1823.
- Lockwood** (Anthony). A brief Description of Nova Scotia.
4to. *London*, 1818.
- Lóczy** (L. von). Die Liskovaer Höhle im Baráthegey. (Liptauer
Comitat.) Eine vorgeschichtliche Höhlenwohnung und deren
Ueberreste. (Tract.) 8vo. *Pesth*, 1878.
- Loftus** (William Kennett). Obituary Notice. (Tract.)
8vo. *Newcastle*, 1859.
- . On the Geology of Portions of the Turko-Persian Frontier, and
of the Districts adjoining. (Tract.) 8vo. *London*, 1855.
- Logan** (James Richardson). The Rocks of Pulo Ubin. (Tract.)
4to. *Batavia*, 1847.
- Logan** (Sir William E.). Letter addressed to Mr. Joachim Barrande, on
the Rocks of the Quebec Group at Point Levis. (Tract.) 3 copies.
8vo. *Montreal*, 1863.
- . See BARRANDE (Joachim); and SURVEYS, CANADA.
- and HUNT (T. Sterry). Esquisse géologique du Canada pour
servir à l'intelligence de la carte géologique et de la collection des
minéraux économiques envoyées à l'Exposition Universelle de Paris,
1855. 8vo. *Paris*, 1855.
- Login** (Thomas). Abrading and transporting power of Water. (Tract.)
4to. *London*, 1869.
- . On the Material Improvement of India. (Tract.)
8vo. *London*, 1869.
- . Roads, Railways, and Canals for India. (Tract.) 2 copies.
8vo. *London*, 1869.
- . Login's Patent Method of Protecting Foundations. (Tract.)
8vo. *Umballa*, 1872.
- . See WILSON (Allan).
- Lommel** (J.). Verzeichniss einzelner Meeres-, Süsswasser- und Land-
Conchylien, sowie ganzer geordneter Sammlungen, welche zu neben-
stehenden Preisen abgegeben werden. (Tract.)
8vo. *Heidelberg*, 1856.
- . Verzeichniss von Versteinerungen herausgegeben vom Heidel-
berger Mineralien-Comptoir. (German, French, and English.) (Tract.)
8vo. *Heidelberg*, 1861.
- Lommer** (Christian Hieronymus). Bergmännischer Beytrag zu der von
der königlichen grossbrittannischen Societät der Wissenschaften, auf
das Jahr 1781 ausgestellten Preisfrage: Wie waren die Bergwerke
bey den Alten eigentlich beschaffen und eingerichtet, etc.? (Tract.)
4to. *Freiberg*, 1785.

London (Archibald, *Bishop of*). See **TAIT** (Archibald Campbell).

London University. Report of the Committee appointed to consider the propriety of establishing a Degree or Degrees in Science, etc. (Tract.) 8vo. *London*, 1858.

London Water Supply. General Board of Health. Report on the Supply of Water to the Metropolis. Appendix, Nos. I.—IV. (Tract.) 8vo. *London*, 1850.

——. See **NAPIER** (*Hon. William*).

Long (S. H.). Fossil Remains of a Mastodon found in Tennessee. (Tract.) 8vo. *Philadelphia*, 1832.

Longman (William). Suggestions for the Exploration of Iceland. (Tract.) 8vo. *London*, 1861.

Longuemar (A. le Touzé de). Recherches géologiques et agronomiques dans le département de la Vienne. 8vo. *Poitiers*, 1866.

Lorentz (P. G.). See **VON DER DECKEN** (Carl Claus). Reisen in Ost-Africa in 1859–1865.

Lorenzana (Francisco Grande de). See **GRANDE DE LORENZANA** (Francisco).

Lorenzen (C. H.). See **STEENSTRUP** (Joh. Japetus Sm.).

Loretz (H.). Das tirol-venetianische Grenzgebiet der Gegend von Ampezzo. 8vo. *Berlin*, 1874.

——. Einige Petrefacten des alpinen Trias aus den Südalpen. (Tract.) 8vo. *Berlin*, 1875.

——. Untersuchungen über Kalk und Dolomit. I. Süd-tiroler Dolomit. (Tract.) 8vo. *Berlin*, 1878.

——. II. Einige Kalksteine und Dolomite der Zechstein-Formation. (Tract.) 8vo. *Berlin*, 1879.

Loriere (— de). See **VERNEUIL** (Ed. de).

Lorieux (Théodore) and **Fourcy** (Eugène de). Carte géologique du Morbihan. 8vo. *Paris*, 1858.

Loriol (Percival de). Description des animaux invertébrés fossiles contenus dans l'étage néocomien moyen de Mont Salève. 4to. *Geneva and Basle*, 1861.

——. Description des Echinides des terrains crétacés de la Suisse. [Matériaux pour la Paléontologie Suisse... par Pictet.] 4to. *Geneva, Basle, and Lyons*, 1873.

——. Echinologie Helvétique. Description des oursins fossiles de la Suisse. 3^{me} partie. Echinides de la période tertiaire. (Schw. paläont. Gesellschaft.) 4to. *Basle and Geneva*, 1875–76.

——. Monographie paléontologique des couches de la zone à *Ammonites tenuilobatus* (Badener Schichten) de Baden (Argovie). (Schw. paläont. Gesellschaft.) 4to. *Basle and Geneva*, 1876–78.

——. Monographie des Crinoides fossiles de la Suisse. (Schw. paläont. Gesellschaft.) 4to. *Basle and Geneva*, 1877 etc.

——. See **DESOR** (E.) and **FAVRE** (Ernest).

—— and **Gilliéron** (V.). Monographie paléontologique et stratigraphique de l'étage urgonien inférieur du Landeron (Canton de Neuchâtel). 4to. *Basle and Geneva*, 1869.

Lortet (P.) and **Chantre** (E.). Etudes paléontologiques dans le bassin du Rhône. Période quaternaire.

4to. *Lyons, Geneva, and Basle*, 1873–75.

- Lory** (Charles). Essai géologique sur le groupe de montagnes de la Grande-Chartreuse. (Tract.) 8vo. *Grenoble*, 1852.
- . See **FAVRE** (Alphonse).
- Lossen** (K. A.). Der Bode-Gang im Harz, eine Granit-Apophyse von vorwiegend porphyrischer Ausbildung. (Tract.) 8vo. *Berlin*, 1874.
- Loscher** (Karl Immanuel). Historisch-bergmännische Briefe über verschiedene Gegenstände des freybergischen Bergbaues. 8vo. *Leipzig*, 1786.
- Lottner** (F. H.). Geognostische Skizze des westfälischen Steinkohlen-Gebirges. 8vo. *Iserlohn*, 1868.
- Lotze** (Mauritius). See **MASSALONGO** (A. B.).
- Loudon** (J. C.). Arboretum et Fruticetum Britannicum; or, the Trees and Shrubs of Britain, native and foreign, hardy and half-hardy, pictorially and botanically delineated, and scientifically and popularly described, etc. 8 vols. 8vo. *London*, 1838.
- . The Derby Arboretum: containing a Catalogue of the Trees and Shrubs included in it, a description of the grounds, etc. (Tract.) 8vo. *London*, 1840.
- Louyet** (P. L. C. E.). Biography. See **Koninck** (L. de).
- Lovell** (Robert). ΠΑΝΖΩΟΡΥΚΤΟΛΟΓΙΑ, sive Panzoologicomineralogia: or a Compleat History of Animals and Minerals, etc. 8vo. *Oxford*, 1661.
- Lovén** (S.). Om några i Vettern och Venern funna Crustaceer. (Tract.) 8vo. *Stockholm*, 1860.
- . Om Östersjön. (Tract.) 8vo. *Stockholm*, 1864.
- . Etudes sur les Echinoidées. 4to. *Stockholm*, 1874.
- Lovering** (Joseph). On the Electro-Dynamic Forces. (Tract.) 8vo. *Boston*, 1850.
- Low Moor Iron Works**. See **EXHIBITION OF 1862**.
- Lowe** (Edward Joseph). Natural Phenomena and Chronology of the Seasons. (Tract.) 8vo. *London*, 1870.
- and **Lowe** (Arthur Swann Howard). The Climate of Nottingham during the year 1852. (Tract.) 8vo. *London*, 1853.
- Lowry** (Delvalle). Conversations on Mineralogy. 2 vols. 8vo. *London*, 1822.
- Lowry** (J. W.). Tabular View of Characteristic British Fossils, stratigraphically arranged. *London*, 1853.
- Lubbock** (Sir John). On the Ova and Pseudova of Insects. (Tract.) 4to. *London*, 1859.
- . Leydig's Natural History of the Daphnidæ reviewed. (Tract.) 8vo. *London*, 1861.
- . On *Sphærularia bombi*. (Tract.) 8vo. *London*, 1861.
- . On some Oceanic Entomostraca collected by Captain Toynbee. (Tract.) 4to. *London*, 1862.
- . On the Ancient Lake Habitations of Switzerland. (Tract.) 8vo. *London*, 1862.
- . On the Evidence of the Antiquity of Man, afforded by the Physical Structure of the Somme Valley. (Tract.) 8vo. *London*, 1862.
- . North-American Archæology. (Tract.) 8vo. *London*, 1863.

- Lubbock** (*Sir John*). Notes on some new or little-known Species of Freshwater Entomostraca. (Tract.) 4to. *London*, 1863.
- . Pre-Historic Times, as illustrated by ancient remains, and the manners and customs of modern savages. 2nd edition. 8vo. *London and Edinburgh*, 1869.
- . Monograph of the Collembola and Thysanura; with an appendix on the Scales of the Collembola and Thysanura, by Joseph Beck. (Ray Society.) 8vo. *London*, 1873.
- Lubbock** (*Sir John William*). On the Heat of Vapours and on Astronomical Refraction. (Tract.) 8vo. *London*, 1840.
- . On the Theory of the Moon, and on the Perturbations of the Planets. Parts vi.—x. 8vo. *London*, 1848–61.
- Luc** (*J. André de*). Reisen nach den Eisgebürgen von Faucigny in Savoyen. Aus dem französischen übersetzt. 8vo. *Leipzig*, 1777.
- . Lettres physiques et morales, sur les montagnes et sur l'histoire de la terre et de l'homme, adressées à la Reine de la Grande Bretagne. 8vo. *The Hague*, 1778.
- . Lettres physiques et morales sur l'histoire de la terre et de l'homme. 5 vols. 8vo. *Paris*, 1779.
- . An Elementary Treatise on Geology, determining fundamental points in that Science, &c. Translated from the French MS. by Henry de la Fite. 8vo. *London*, 1809.
- . Geological Travels. Translated from the French manuscript. 3 vols. 8vo. *London*, 1810–11.
- . On the Geological Phenomena. (Tracts.) 8vo. *London*, 1812.
- . Geological Travels in some parts of France, Switzerland, and Germany. Translated from the French manuscript. 2 vols. 8vo. *London*, 1813.
- . Réfutation de l'hypothèse d'un auteur anonyme sur la formation des vallées. (Tract.) 8vo. *Paris*, 1815.
- . De la matière des laves. (Tract.) 8vo. *Paris*, 1816.
- . Histoire du passage des Alpes par Annibal. 8vo. *Geneva and Paris*, 1818.
- . Mémoire sur les rochers calcaires innombrables, épars dans les environs de la roche, et jusqu'au lit de l'Arve, et sur les blocs de granit qui les accompagnent. (Tract.) 4to. *Geneva*, 1837.
- Luc** (*D. and D. de*). Relation de différents voyages dans les Alpes du Faucigny. 8vo. *Maestricht*, 1776.
- Luca** (*S. de*). Ricerche sulla formazione della materia grassa ne' frutti dell' ulivo. (Tract.) 8vo. *Naples*, 1862.
- . Osservazioni sulla estrazione della mannite dalle foglie e da' frutti di ulivo. Analisi qualitativa di calcoli intestinali di cavallo. Ricerche chimiche sulle materie cristallizzate contenute nelle foglie delle piante. (Tract.) 4to. *Naples*, 1865.
- . Ricerche sull' estrazione della mannite dalle foglie di ulivo. (Tract.) 4to. *Naples*, 1865.
- and **Ubal dini** (*G.*). Ricerche chimiche su' frutti del mirto australe e de' mirti communi. (Tract.) 4to. *Naples*, 1865.
- Lucas** (*Jean André Henri*). Tableau méthodique des espèces minérales. 2 vols. 8vo. *Paris*, 1806–13.
- . De la Minéralogie. (Tract.) 8vo. *Paris*, 1818.

- Lucas** (Joseph). Horizontal Wells. 8vo. *London*, 1874.
- . Hydrogeology: one of the Developments of Modern Practical Geology. (Tract.) 8vo. *London*, 1877.
- Lucas** (S.). Creation Redemptive: an Essay. 8vo. *Helston*, 1858.
- . The Biblical Antiquity of Man. 8vo. *London*, 1866.
- . The Noaic Deluge: its probable physical effects and present evidences. 8vo. *London*, 1873.
- Luccio** (Vincenzo di). See ADMIRALTY PUBLICATIONS: Venice.
- Lucy** (W. C.). The Gravels of the Severn, Avon, and Evenlode, and their extension over the Cotteswold Hills. 8vo. *Gloucester*, 1869.
- . The Submerged Forest, Holly Hazle, Sharpness. (Tract.) 8vo. *Gloucester*, 1874.
- Lüdecke** (Otto). Der Glaukophan und die glaukophanführenden Gesteine der Insel Syra. (Tract.) 8vo. *Berlin*, 1876.
- . Krystallographische Beobachtungen. (Tract.) 8vo. *Halle*, 1878.
- . Ueber die jungen Eruptivgesteine Süd-Thüringens. (Tract.) 8vo. *Berlin*, 1879.
- . Ueber Reinit, K. von Fritsch. Ein neues wolframsaures Eisenoxydul. (Tract.) 8vo. *Halle*, 1879.
- Ludlam** (A.). Essay on the Cultivation and Acclimatization of Trees and Plants. (Tract.) 8vo. *Dunedin*, 1865.
- Ludlow** (William). Report of a Reconnaissance of the Black Hills of Dakota, made in the Summer of 1874. 8vo. *Washington*, 1875.
- Ludwig** (Christ. Friedr.). See HUMBOLDT (Friedrich Alexander von).
- Ludwig** (Rudolph). Ueber die jüngern Kalk-, Thon-, Sandstein-, Sand-, Geschieb-, und Lehm-Ablagerungen der Obergrafschaft Hanau. (Tract.) 8vo. *Hanau*, 1850.
- . Die Kupferschiefer- und Zechsteinformation am Rande des Vogelsberges und Spessarts. (Tract.) 8vo. *Hanau*, 1851.
- . Geognostische Beobachtungen in der Gegend zwischen Giessen, Fulda, Frankfurt a. M. und Hammelburg. (Tract.) 8vo. *Darmstadt*, 1852.
- . Geologische Skizze des Grossherzogthums Hessen. (Tract.) 4to. *Darmstadt*, 1867.
- . Versuch einer Statistik des Grossherzogthums Hessen auf Grundlage der Bodenbeschaffenheit. (Tract.) 8vo. *Darmstadt*, 1868.
- . Fossile Crocodilien aus der Tertiärformation des Mainzer Beckens. 4to. *Cassel*, 1877.
- . See THEOBALD (G.); and SURVEYS, HESSE.
- Lufing** (Ch. Fr.). Observations on the Rise of Land in Scandinavia. (Tract.) MS. *Berlin*, 1831.
- Luidius** (Edvardus). Lithophylacii Britannici Ichnographia. Lapidum aliorumque fossilium Britannicorum singulari figura insignium, quotquot hactenus vel ipse invenit vel ab amicis accepit, distributio classica, etc. 2nd edition. 8vo. *Oxford*, 1760.
- Lujan** (Francisco de). Estudios y observaciones geológicas relativos á terrenos que comprenden parte de la provincia de Badajoz, y de las de Sevilla, Toledo, y Ciudad-Real, etc. (Tract.) 4to. *Madrid*, 1850.

- Lund (P. W.).** View of the Fauna of Brazil previous to the last Geological Revolution. (Tract.) 8vo. *London*, 1840.
- . Blik paa Brasiliens dyreverden for sidste jordomvæltning. 4to. *Copenhagen*, 1841.
- Lundgren (Bernhard).** Om Belemnitterna i sandkalken i Skåne. (Tract.) 8vo. *Stockholm*, 1876.
- . Om Inoceramusarterna i kritformationen i Sverige. (Tract.) 8vo. *Stockholm*, 1876.
- . Studier öfver faunan i den stenkolsförande formationen i nordvästra Skåne. 4to. *Lund*, 1878.
- Lüneburg Commission.** Plan zur künstigen Einrichtung der Saline zu Lüneburg. (Tract.) 8vo. *Hanover*, 1797.
- Luther (Johann Georg).** Historiæ naturalis fossilium caput de Terris. (Tract.) 4to. *Leipzig*, 1745.
- Luvini (Giovanni).** Di un nuovo strumento meteorologico-astronomico il Dieteroscopio. (Tract.) 8vo. *Turin*, 1874.
- Lyall (George).** Address to the Members of the South-Shields Geological Club, 1863. (Tract.) 8vo. *South Shields*, 1863.
- Lycett (John).** On *Trichites*, a fossil genus of Bivalve Mollusks. (Tract.) 8vo. *London*, 1850.
- . Tabular View of Fossil Shells from the middle division of the Inferior Oolite in Gloucestershire. (Tract.) 8vo. *London*, 1850.
- . On some new Species of *Trigonia* from the Inferior Oolite of the Cotteswolds, with preliminary remarks upon that genus. (Tract.) 8vo. *London*, 1853.
- . The Cotteswold Hills. Hand-book introductory to their Geology and Palæontology. 8vo. *London*, 1857.
- . Notes on the Ammonites of the Sands intermediate the Upper Lias and Inferior Oolite. (Tract.) 8vo. *London*, 1861.
- . A Monograph of the British Fossil *Trigoniæ*. [Palæontographical Society.] 4to. *London*, 1871–79.
- . Supplementary Monograph on the Mollusca from the Stonesfield Slate, Great Oolite, Forest Marble, and Cornbrash. [Palæontographical Society.] 4to. *London*, 1863.
- . See also MORRIS (John).
- Lyell (Sir Charles).** Biographical Notices. See DAVIDSON (Thomas) and DAWSON (J. W.).
- . On a Dyke of Serpentine, cutting through Sandstone, in the county of Forfar. (Tract.) 8vo. *Edinburgh*, 1825.
- . Principles of Geology. 1st edition. 3 vols. 8vo. *London*, 1830–33.
- . ———. 2nd edition. Vol. 1. 8vo. *London*, 1832.
- . ———. 3rd edition. 4 vols. 8vo. *London*, 1834.
- . ———. 5th edition. 4 vols. 8vo. *London*, 1837.
- . ———. 6th edition. 3 vols. 8vo. *London*, 1840.
- . ———. 7th edition. 1 vol. 8vo. *London*, 1847.
- . ———. 9th edition. 1 vol. 8vo. *London*, 1853.
- . ———. 10th edition. 2 vols. [2 copies, and Vol. II. in triplicate.] 8vo. *London*, 1867.
- . ———. 11th edition. 2 vols. 8vo. *London*, 1872.
- . ———. 12th edition. 2 vols. 8vo. *London*, 1875.

- Lyell** (*Sir Charles*). On the Cretaceous and Tertiary Strata of the Danish Islands of Seeland and Möen. (Tract.) 4to. *London*, 1835.
- . Elements of Geology. 8vo. *London*, 1838.
- . ———. 2nd edition. 8vo. *London*, 1841.
- . ———. 6th edition. 8vo. *London*, 1865.
- . Elementos de Geologia. Traducidos por Don Joaquin Ezquerria del Bayo. 8vo. *Madrid*, 1847.
- . On the Relative Ages of the Tertiary Deposits commonly called "Crag," in the counties of Norfolk and Suffolk. (Tract.) 8vo. *London*, 1839.
- . On the tubular cavities filled with gravel and sand, called "Sand-pipes," in the Chalk near Norwich. (Tract.) 8vo. *London*, 1839.
- . On the discovery of Fossil Teeth of a Leopard, Bear, and other animals in a Crag Pit at Newbourn, in Suffolk. (Tract.) 8vo. *London*, 1840.
- . On the occurrence of Fossil Quadrumanous, Marsupial, and other Mammalia in the London Clay, near Woodbridge, in Suffolk, with description of the remains by R. Owen. (Tract.) 8vo. *London*, 1840.
- . On the occurrence of two species of Shells of the genus *Comus* in the Lias, or Inferior Oolite, near Caen, in Normandy. (Tract.) 8vo. *London*, 1840.
- . A Memoir on the Recession of the Falls of Niagara. (Tract.) 8vo. *London*, 1842.
- . Travels in North America; with geological observations on the United States, Canada, and Nova Scotia. 2 vols. 8vo. *London*, 1845.
- . ———. 2nd edition. 2 vols. 8vo. *London*, 1855.
- . A second Visit to the United States of North America. 2 vols. 8vo. *London*, 1849.
- . ———. 3rd edition. 2 vols. 8vo. *London*, 1855.
- . A Manual of Elementary Geology. 3rd edition. 8vo. *London*, 1851.
- . ———. 4th edition. 8vo. *London*, 1852.
- . ———. 5th edition. 8vo. *London*, 1855.
- . ———. Supplement. 8vo. *London*, 1857.
- . ———. 2nd edition. 2 copies. 8vo. *London*, 1857.
- . Special Report on the Geological, Topographical, and Hydrographical Departments of the [New York Industrial] Exhibition, 1853. (Tract.) 4to. *London*, 1854.
- . On certain trains of Erratic Blocks on the western borders of Massachusetts, United States. (Tract.) 8vo. *London*, 1855.
- . On the successive Changes of the Temple of Serapis. (Tract.) 8vo. *London*, 1856.
- . On the Structure of Lavas which have consolidated on steep slopes; with remarks on the mode of origin of Mount Etna. (Tract.) 8vo. *London*, 1859.
- . Remarks on Professor C. Piazzzi Smyth's supposed proofs of the submarine origin of Teneriffe and other Volcanic Cones in the Canaries. (Tract.) 8vo. *London*, 1859.

- Lyell** (*Sir Charles*). The Geological Evidences of the Antiquity of Man, with an outline of Glacial and Post-Tertiary Geology, and remarks on the Origin of Species, with special reference to Man's first appearance on the Earth. 1st edition. 8vo. *London*, 1863.
- . 4th edition. 8vo. *London*, 1873.
- . Address to the British Association, 1861. (Tract.) 8vo. *London*, 1865.
- . The Student's Elements of Geology. 8vo. *London*, 1871.
- . 2nd edition. 8vo. *London*, 1874.
- . See REPORTS, PARLIAMENTARY. New York Industrial Exhibition.
- and **Faraday** (Michael). Report on the subject of the Explosion at the Haswell Collieries, and on the means of preventing similar accidents. (Tract.) 2 copies. 8vo. *London*, 1844.
- and **Hall** (James). Rapport sur la partie géologique de l'exposition de New York. Traduit de l'anglais par M. A. Laugel. (Tract.) 8vo. *Paris*, 1854.
- and **Murchison** (*Sir R. I.*). On the Excavation of Valleys, as illustrated by the Volcanic Rocks of Central France. (Tract.) 8vo. *Edinburgh*, 1829.
- . Sur les dépôts lacustres tertiaires du Cantal, et leurs rapports avec les roches primordiales et volcaniques. (Tract.) 2 copies. 8vo. *Paris*, 1829.
- Lyman** (Benjamin Smith). Against the supposed former Plasticity of the Puddingstone Pebbles of Purgatory, Rhode Island. (Tract.) 8vo. *Buffalo*, 1866.
- . On the Link of Gunter's Chain as the unit of a Decimal System of Weights and Measures. (Tract.) 8vo. *Buffalo*, 1866.
- . General Report on the Punjab Oil Lands. Fol. *Lahore*, 1870.
- . Topography of the Punjab Oil Region. 4to. *Philadelphia*, 1872.
- . A Report of Progress for the first year of the Oil Surveys—Geological Survey of the Oil Lands of Japan. (Tract.) 8vo. *Tokai*, 1877.
- . See SURVEYS: JAPAN.
- Lyman** (Chester S.). The Meteor of July 20, 1860. (Tract.) 8vo. *Montreal*, 1860.
- Lyman** (Theodore). See MUSEUMS: Harvard College.
- Lynch** (W. F.). Report of an Examination of the Dead Sea. (Tract.) 8vo. *Washington*, 1849.
- . Official Report of the United States Expedition to explore the Dead Sea and the River Jordan. 4to. *Baltimore*, 1852.
- Lyons**. Commission Hydrométrique. Résumé des observations recueillies en 1859 dans le bassin de la Saône par les soins de la Commission Hydrométrique de Lyon. 16^e année. (Tract.) 8vo. *Lyons*, 1860.
- . [Observations météorologiques et hydrométriques faites à Lyon, 1851-1857.] 8vo. *Lyons*, 1858.
- . Commission de Météorologie. Années 26, 28, 29, 32 et 33. 1871-1872. 8vo. *Lyons*, 1869-77.

M.

- M * * *** (C.). On the Erratic Formation of the Bernese Alps and other parts of Switzerland. (Tract.) 12mo.
- Maack** (G. A.). Paläontologische Untersuchungen über noch unbekannte Lophiodonfossilien von Heidenheim am Halenenkamme in Mittelfranken, etc. (Tract.) 8vo. *Leipzig*, 1865.
- . Die bis jetzt bekannten Fossilen Schildkröten. 4to. *Cassel*, 1869.
- Macadam** (James). Geological observations on the Neighbourhood of Belfast. (Tract.) 8vo. *Dublin*, 1850.
- . On a new Fossil Cirripede. (Tract.) 8vo. *London*, 1858.
- MacAndrew** (Robert). On the Geographical Distribution of Testaceous Mollusca in the North Atlantic and neighbouring Seas. (Tract.) 8vo. *Liverpool*, 1854.
- . List of Species of Mollusca obtained by Prof. Goodsir from Spitzbergen. With a note by S. P. Woodward. (Tract.) 8vo. *London*, 1855.
- . List of the British Marine Invertebrate Fauna. For the Dredging Committee of the British Association. (Tract.) 4to. *London*, 1860.
- . Note on the Comparative size of Marine Mollusca in various latitudes of the European Seas. (Tract.) 8vo. *London*, 1860.
- and **Forbes** (Edward). Notices of new or rare British Animals observed during cruises in 1845 and 1846. (Tract.) 8vo. *London*, 1872.
- Macaulay** (Thomas Babington, *Lord*). *His Library*. Richard Simpson's Sale Catalogue. (Tract.) 8vo. *London*, 1863.
- MacCauley** (C. A. H.). Notes on the Ornithology of the region about the source of the Red River of Texas, etc.; annotated by Dr. Elliott Coues. (Tract.) 8vo. *Washington*, 1877.
- MacChaff** (Alexander). A Letter to the Editor of the Glasgow 'Argus;' occasioned by an Article which recently appeared in that paper, entitled "Reasons for a new edition of the Nursery Rhymes of England, containing notices of the defects of former impressions." (Tract.) 8vo. *London*, 1842.
- MacChesney** (C. E.). Notes on the Mammals of Fort Sisseton, Dakota; annotated by Elliott Coues. (Tract.) 8vo. *Washington*, 1878.
- MacClean** (J. R.). Address as President of the Institution of Civil Engineers, 1863-64. (Tract.) 8vo. *London*, 1864.
- MacClelland** (John). Some Inquiries in the Province of Kemaon relative to Geology and other branches of Natural Science. 8vo. *Calcutta*, 1835.
- . Report on the Physical Condition of the Assam Tea Plant, with reference to Geological Structure, Soils, and Climate. (Tract.) 8vo. *Calcutta*, 1837.
- . Report on the Geological Survey of India for the season 1848-1849. 4to. *Calcutta*, 1850.
- . Sketch of the Medical Topography, or Climate and Soils, of Bengal and the N.W. Provinces. 8vo. *London*, 1859.
- . See **REPORTS, COLONIAL, India**; and **REPORTS, PARLIAMENTARY, Coal**.

- MacClintock** (F. L.). *Reminiscences of Arctic Ice-travel in Search of Sir John Franklin and his companions. With Geological Notes and Illustrations by S. Haughton.* (Tract.) 8vo. *Dublin*, 1857.
- MacCoy** (Frederick). *Catalogue of Organic Remains, now exhibiting at the Long Room, in the Rotundo, collected by the late Henry Charles Sirr.* (Tract.) 8vo. *Dublin*, 1841.
- . *On the Fossil Botany and Zoology of the Rocks associated with the Coal of Australia.* (Tract.) 8vo. *London*, 1847.
- . *On some new Fossil Fish of the Carboniferous Period.* (Tract.) 2 copies. 8vo. *London*, 1848.
- . *On some new Ichthyolites from the Scotch Old Red Sandstone.* (Tract.) 8vo. *London*, 1848.
- . *On some new Mesozoic Radiata.* (Tract.) 8vo. *London*, 1848.
- . *On some new genera and species of Palæozoic Corals and Foraminifera.* (Tract.) 8vo. *London*, 1849.
- . *On some new genera and species of Silurian Radiata in the collection of the University of Cambridge.* (Tract.) 8vo. *London*, 1849.
- . *On some new Palæozoic Echinodermata.* (Tract.) 8vo. *London*, 1849.
- . *On the Classification of some British Fossil Crustacea, etc.* (Tract.) 8vo. *London*, 1849.
- . *Systematic description of the British Palæozoic Fossils in the Geological Museum of the University of Cambridge.* 4to. *London and Cambridge*, 1855.
- . See EXHIBITION OF 1862; GRIFFITH (Sir Richard); SEDGWICK (Adam); and SURVEYS, VICTORIA.
- Macculloch** (John). *A description of the Western Islands of Scotland including the Isle of Man.* 2 vols. 8vo; Plates, 4to. *London*, 1819.
- . *Geological Classification of Rocks, with descriptive synopses of the species and varieties, comprising the Elements of Practical Geology.* 8vo. *London*, 1821.
- . *The Highlands and Western Isles of Scotland, containing descriptions of their scenery and antiquities, etc.* 4 vols. 8vo. *London*, 1824.
- . *A System of Geology, with a Theory of the Earth.* 2 vols. 8vo. *London*, 1831.
- . *Memoirs to Her Majesty's Treasury respecting a Geological Survey of Scotland.* 8vo. *London*, 1836.
- MacCulloch** (J. R.). *A Treatise on the Principles, Practice, and History of Commerce.* (Tract.) 8vo.
- Macdonald** (William). (Contributions to the History of Development in Animals.) I. *On Fœtal Circulation.* (Tract.) 8vo. *Edinburgh*, 1868.
- Macdonald** (W. B.). See GRISEBACH (A. H. R.).
- Macdougall** (G. Gordon). See GRAAH (W. A.).
- Macedo** (Joaquim José da Costa de). See DA COSTA DE MACEDO (Joaquim José).
- MacEnery** (John). *Catalogue [sale] of his rare and splendid collection of Fossils, Minerals, Paintings, etc.* (Tract.) 8vo. *Torquay*, 1842.
- . *Cavern Researches.* Edited by E. Vivian. 4to. *London*, 1859.

Macfarlane (James). The Coal Regions of America.

8vo. *New York*, 1873.

MacFarlane (Patrick). Antidote against the Unscriptural and Unscientific Tendency of Modern Geology.

8vo. *London*, 1871.

Macgillivray (John). Catalogue of the Marine Zoophytes of the neighbourhood of Aberdeen. (Tract.)

8vo. *London*, 1840.

Macgillivray (William). The Natural History of Dee Side and Braemar.

8vo. *London*, 1855.

MacIntosh (W. C.). A Monograph of the British Annelids. Part I. (Ray Society.)

4to. *London*, 1873.

Mackay (Angus). A Visit to Sydney and the Cudgegong Diamond Fields. (Tract.)

8vo. *Melbourne*, 1870.

Mackay (Thomas). The Glacial Period of New Zealand. (Tract.)

8vo. *Wellington*, 1875.

Mackenzie (Charles). Outlines of the Mineralogy of the Ochil Hills. (Tract.)

8vo. *Edinburgh*, 1816.

Mackenzie (Frederick). The Architectural Antiquities of the Collegiate Chapel of St. Stephen, Westminster, the late House of Commons.

Fol. *London*, 1844.

Mackenzie (Sir George Steuart). Travels in the Island of Iceland, during the summer of the year 1810.

4to. *Edinburgh*, 1811.

Mackenzie (John). Reports on the Coalfields of Victoria. (Tract—newspaper).

Sydney, 1873.

MacKerrow (J.). See HUTTON (F. W.).

Mackie (James, jun.). See REPORTS, COLONIAL: New Zealand.

Mackie (S. J.). Tables of the divisions and sub-divisions of the Animal and Vegetable Kingdoms. (Tract.)

8vo. *London*, 1859.

——. Thoughts on Dover Cliff and Foraminifera of the Chalk. (Tract.)

8vo. *London*, 1863.

——. An illustrated Catalogue of British Fossil Sponges, etc. Part II. Bibliography of British Fossil Sponges. (Tract.)

8vo. *London*, 1866.

——. Original Diagrams for Lectures. Advertisement. (Tract.)

8vo. *London*.

Mackinnon (William Alexander). History of Civilization and Public Opinion. 3rd edition. 2 vols.

8vo. *London*, 1849.

Mackintosh (Daniel). The Scenery of England and Wales, its Character and Origin.

8vo. *London*, 1869.

——. On the Nature, Correlation, and Mode of accumulation of the Drift-Deposits of the West Riding of Yorkshire, etc. (Tract.)

8vo. *Leeds*, 1870.

Mackintosh (Thomas S.). Electrical Theory of the Universe. (Tract.) 2 copies.

8vo. *London*, 1835–36.

Maclaren (Charles). A sketch of the Geology of Fife and the Lothians.

8vo. *Edinburgh*, 1839.

Maclear (Thomas). See ADMIRALTY PUBLICATIONS: Cape of Good Hope.

MacLeod (Walter). Physical Atlas of Great Britain and Ireland, with illustrative letterpress.

8vo. *London*, 1861.

Maclure (William). Biographical Notice. See MORTON (Samuel George).

——. Observations on the Geology of the United States of America, etc. 2 copies.

8vo. *Philadelphia*, 1817.

- Maclure** (William). Suite des observations sur la géologie des Etats-Unis. (Tract.) 4to. *Paris*, 1811.
- MacMahon** (C. A.). The Blaini group and the "Central Gneiss" in the Simla Himalayas. (Tract.) 8vo. *Calcutta*, 1877.
- Macmichael** (William). On the Pitch Lake of Trinidad. (Tract.) MS.
- MacMurtrie** (J.). See GREENWELL (G. C.).
- Macneill** (John). Canal Navigation. On the Resistance of Water to the passage of Boats upon Canals, and other Bodies of Water. (Tract.) 4to. *London*, 1833.
- Macneill** (Telford). Water Supply of London, by means of Natural Filtration of the waters of the River Thames. (Tract.) 8vo. *London*, 1866.
- Macomb** (J. N.). See SURVEYS: UNITED STATES.
- MacParlan** (James). Statistical Survey of the County of Donegal. 8vo. *Dublin*, 1802.
- Macpherson** (J.). Bosquejo geológico de la provincia de Cadiz. 8vo. *Cadiz*, 1873.
- . Geological Sketch of the Province of Cadiz. 8vo. *Cadiz*, 1873.
- . Sobre los caracteres petrográficos de las ofitas de las cercanías de Biarritz. (Tract.) 2 copies. 8vo. *Madrid*, 1877.
- . Fenómenos dinámicos que han contribuido al relieve de la serranía de Ronda. (Tract.) 8vo. *Madrid*, 1878.
- . Sobre la existencia de la fauna primordial en la provincia de Sevilla. (Tract.) 8vo. *Madrid*, 1878.
- . Breve noticia acerca de la especial estructura de la península ibérica. (Tract.) 8vo. *Madrid*, 1879.
- . Descripción de algunas rocas que se encuentran en la serranía de Ronda. (Tract.) 8vo. *Madrid*, 1879.
- Macquart** (Louis Charles Henri). Essais ou recueil de mémoires sur plusieurs points de minéralogie, avec la description des pièces déposées chez le Roi, la figure et l'analyse chimique de celles qui sont les plus intéressantes, et la topographie de Moscow. 8vo. *Paris*, 1789.
- Macvicar** (J. G.). Science based on Religion. A Sketch of a Philosophy. (Tract.) 8vo. *Edinburgh*, 1875.
- Madison**. Madison Directory. By William N. Seymour. First Annual Edition. (Tract.) 8vo. *Madison*, 1855.
- . Charter of the City of Madison, Wisconsin. (Tract.) 8vo. *Madison*, 1856.
- Maestri** (Pierre). Rapport soumis à la junte organisatrice sur le programme de la 6^{me} session du Congrès International de Statistique. (Tract.) 8vo. *Florence*, 1867.
- Magrini** (Luigi). Sulla importanza dei cimelj scientifici e dei manoscritti di Alessandro Volta. (Tract.) 8vo. *Milan*, 1864.
- Maillet** (Benoît de). Telliamed, ou Entretiens d'un philosophe indien avec un missionnaire françois sur la diminution de la mer, la formation de la terre, l'origine de l'homme, &c. Mis en ordre sur les mémoires de feu M. de M * * * par J. A. Guer. 2 vols. 8vo. *Amsterdam*, 1748.
- . Telliamed: or Discourses between an Indian Philosopher and a French Missionary, on the Diminution of the Sea, the Formation of the Earth, etc. (Translation.) 8vo. *London*, 1750.

- Main** (Robert). The Annual Address of the Victoria Institute
7th June, 1875. 3rd edition. (Tract.) 8vo. London, 1876.
- Maine**. Board of Agriculture. Sixth Annual Report of the Secretary.
1861. 8vo. Augusta, 1861.
- Maine**. Fisheries. Reports of the Commissioners for the years 1867–70.
8vo. Augusta, 1869–70.
- Major** (C. J. Forsyth). Materiali per la microfauna dei mammiferi
quaternarij. I. *Myodes torquatus*, Pall., delle caverne del Württem-
berg. (Tract.) 8vo. Milan, 1872.
- . Note sur des singes fossiles trouvés en Italie, précédée d'un aperçu
sur les quadrumanes fossiles en général. (Tract.) 8vo. Milan, 1872.
- . La faune des vertébrés de Monte Bamboli. (Tract.)
8vo. Milan, 1873.
- . Nagerüberreste aus Böhnerzen Süddeutschlands und der Schweiz,
etc. (Tract.) 4to. Cassel, 1873.
- . Remarques sur quelques mammifères post-tertiaires de l'Italie,
suivies de considérations générales sur la faune des mammifères
post-tertiaires. (Tract.) 8vo. Milan, 1873.
- . Sul livello geologico del terreno in cui fu trovato il così detto
cranio dell' olmo. (Tract.) 8vo. Florence, 1876.
- . Beiträge zur Geschichte der fossilen Pferde insbesondere Italiens.
(Schw. paläont. Gesellschaft.) 4to. Basle and Geneva, 1877, etc.
- . Alcune parole sullo *Sphaerodus cinctus* (di Lawley) del pliocene
volterrano. (Tract.) 8vo. Pisa, 1879.
- . Alcune osservazioni sui cavalli quaternari. (Tract.)
8vo. Florence, 1879.
- . Materiali per servire ad una storia degli stambecchi. (Tract.)
8vo. Pisa, 1879.
- Malacarne** (Claro Giuseppe). Lettera intorno alle scoperte fatte ulti-
mamente nella valle del Lavis in Tirolo. (Tract.) 8vo. Milan, 1821.
- . Notizia—Carte géologique du terrain entre le lac d'Orta et celui
de Lugano, par L. de Buch; ossia Lipo geognostico del Terreno
che sta in posto tra i due laghi d'Orta e di Lugano del L. de Buch.
(Tract.) 8vo. Milan, 1829.
- Malaguti** (F. J.). See BRONGNIART (Alex.).
- Malaise** (Constantin). Mémoire sur les découvertes paléontologiques
faites en Belgique jusqu'à ce jour. (Tract.) 8vo. Liège, 1860.
- . Note sur quelques ossements humains fossiles et sur quelques
silex taillés. (Tract.) 8vo. Brussels, 1860.
- . De l'âge des phyllades fossilifères de Grand-Manil près de Gem-
bloux, suivi du rapport de M. Dewalque. (Tract.)
8vo. Brussels, 1862.
- . Sur des corps organisés, trouvés dans le terrain Ardennais de
Dumont. (Tract.) 8vo. Brussels, 1866.
- . Sur les silex ouvrés de Spiennes. (Tract.) 8vo. Brussels, 1866.
- . Description du terrain silurien du centre de la Belgique.
4to. Brussels, 1873.
- . Sur l'âge de quelques couches du terrain Ardennais des environs
de Spa. (Tract.) 8vo. Brussels, 1874.
- . Sur quelques roches porphyriques de Belgique. (Tract.)
8vo. Brussels, 1874.

Malaise (Constantin). See **SURVEYS: BELGIUM**.

——. See **GOSSELET** (J.).

Malcolmson (John G.). On the Fossils of the eastern portion of the Great Basaltic District of India. (Tract.) 4to. *London*, 1838.

——. On the Causes of Bronchocele in India and England. (Tract.) 8vo. *London*.

Malherbe (Renier). Note sur les Cardinies rencontrées dans le bassin houiller de Liége. (Tract.) 8vo. *Brussels*, 1871.

——. See **DEWALQUE** (G.).

Mallet (F.). Descriptive account of the Island of Trinidad. (Tract.) 4to. *London*, 1802.

Mallet (Frederick R.). On the Vindhyan Series as exhibited in the North-western and Central Provinces of India.

8vo. *Calcutta*, 1869.

——. On the Geological Structure of the country near Aden, with reference to the practicability of sinking Artesian wells. (Tract.)

8vo. *Calcutta*, 1871.

——. Mineralogical Notes on the Gneiss of South Mirzapur and adjoining country. (Tract.) 8vo. *Calcutta*, 1872.

——. On the Coal-fields of the Nágá Hills bordering the Lakhimpur and Sibságar Districts, Assam. (Tract.) 8vo. *Calcutta*, 1876.

——. The Mud Volcanoes of Rámri and Cheduba. (Tract.) 8vo. *Calcutta*, 1878.

——. On Corundum from the Khási Hills. (Tract.) 8vo. *Calcutta*, 1879.

——. On Mysorin and Atacamite from the Nellore District. (Tract.) 8vo. *Calcutta*, 1879.

Mallet (John William). La barcenita. Documentos relativos al descubrimiento de esta nueva especie mineral. (Tract.) 8vo. *Mexico*, 1878.

Mallet (Robert). Report on the Railroad constructed from Kingstown to Dalkey, in Ireland, upon the atmospheric system, and upon the application of this system to railroads in general. (Tract.)

4to. *London*, 1844.

——. On some secular and diurnal motions of the Earth's crust, etc., with a reference to a communication from Sir Wm. R. Hamilton. (Tract.) 8vo. *Dublin*, 1846.

——. The Dynamics of Earthquakes, etc. (Tract.) 4to. *Dublin*, 1846.

——. First Report on the Facts of Earthquake Phenomena. (Tract.) 8vo. *London*, 1850.

——. Second Report on the Facts of Earthquake Phenomena. (Tract.) 8vo. *London*, 1852.

——. Notice of the British Earthquake of November 9, 1852. (Tract.) 4to. *Dublin*, 1854.

——. Ueber Erdbeben und die Beobachtung der dabei vorkommenden Erscheinungen. Deutsch bearbeitet von Ludw. Heinr. Jeitteles. (Tract.) 4to. *Kaschau*, 1860.

——. The Great Neapolitan Earthquake of 1857. 2 vols. 8vo. *London*, 1862.

——. President's Address to the Institution of Civil Engineers. (Tract.) 8vo. *Dublin*, 1866.

- Mallet (Robert).** Ueber vulkanische Kraft. Aus dem englischen übertragen und mit einigen Anmerkungen begleitet von A. v. Lasaulx. 8vo. *Bonn*, 1875.
- . On the Seismic Results obtained from the Hallet's-Point Explosion. (Tract.) 8vo. *London*, 1877.
- . See PALMIERI (L.).
- and **Mallet (John William).** The Earthquake Catalogue of the British Association. 8vo. *London*, 1858.
- Malm (A. W.).** Zoologiska observationer. (Tract.) 8vo. *Götheborg*, 1853.
- Malte-Brun (—).** Précis de la géographie universelle. 5 vols. 8vo; Atlas, 4to. *Paris*, 1812.
- Malves (J. P. de Gua de).** See GUA DE MALVES (J. P. de).
- Mammatt (Edward).** A Collection of Geological Facts and Practical Observations, intended to elucidate the formation of the Ashby Coal-field. 4to. *Ashby-de-la-Zouch*, 1834.
- Man (W.).** Theory of the Formation of Chalk and Flint, and its arrangement in Strata. (Tract.) 8vo. *Reading*, 1833.
- Manchester.** See LIVERPOOL AND MANCHESTER RAILWAY.
- . Free Library. Report of the Proceedings at a Public Meeting held . . . to effect the Establishment of a Free Public Library and Museum in Manchester. With an address to the committee. (Tract.) 4to. *Manchester*, 1851.
- . ———. Catalogue of the Books. Prepared by A. Crestadoro. 8vo. *London*, 1864.
- Mandelsloh (Frédéric de).** Mémoire sur la constitution géologique de l'Albe du Wurtemberg. 4to. *Strasburg*, 1835.
- Manès (W.).** Statistique minéralogique, géologique et minéralurgique du département de Saône-et-Loire. 8vo. *Macon*, 1847.
- Manicone (Michaelangelo).** La fisica appula. 5 vols. 8vo. *Naples*, 1806–07.
- Mannerheim (C.).** Sur l'état de l'entomologie en Russie. See FISCHER DE WALDHEIM (Gotthelf). Jubilæum, etc. Fol. *Moscow*, 1847.
- Mansel-Pleydell (J. C.).** See PLEYDELL (J. C. Mansel).
- Mansfield (E. D.).** See BULLOCK (W.).
- Mansion (P.).** See NAMUR (A.).
- Mantell (Gideon Algernon).** A Reminiscence of Gideon Algernon Mantell, by a Member of the Council of the Clapham Athenæum; to which is appended an obituary by Professor Silliman. (Tract.) 8vo. *London*, 1853.
- . A Sketch of the Geological Structure of the South-eastern part of Sussex. (Tract.) 8vo. *Lewes*, 1818.
- . On the Chalk of Sussex. MS. Sm. 4to.
- . The Fossils of the South Downs; or Illustrations of the Geology of Sussex. 2 copies. 4to. *London*, 1822.
- . Notice on the *Iguanodon*, a newly-discovered fossil reptile, from the sandstone of Tilgate Forest, in Sussex. (Tract.) 4to. *London*, 1825.
- . Illustrations of the Geology of Sussex. 4to. *London*, 1827.
- . Geology of the South-east of England. 8vo. *London*, 1833.
- . A descriptive Catalogue of the Collection illustrative of Geology and Fossil Comparative Anatomy in his Museum. (Tract.) 8vo. *London*, 1834.

- Mantell** (Gideon Algernon). A descriptive Catalogue of the Collection illustrative of Geology and Fossil Comparative Anatomy in his Museum. 3rd edition. (Tract.) 8vo. London, 1834.
- . 4th edition. (Tract.) 8vo. London, 1836.
- . Descriptive Catalogue of the objects of Geology, Natural History, and Antiquity (chiefly discovered in Sussex) in the museum attached to the Sussex Scientific and Literary Institution, at Brighton. 6th edition. (Tract.) 8vo. London, 1836.
- . The Wonders of Geology; or, A familiar exposition of Geological phenomena, being the substance of a course of lectures delivered at Brighton. From notes taken by G. F. Richardson. 2 vols. 8vo. London, 1838.
- . The Wonders of Geology; or, A familiar exposition of Geological phenomena. 6th edition. 2 vols. 8vo. London, 1848.
- . 7th edition. 2 vols. 8vo. London, 1857.
- . A Sketch of the Geology of Surrey. 4to. Dorking, 1840.
- . On the Geological Structure of the country seen from Leith Hill in the County of Surrey. 4to. Dorking, 1840?
- . Memoir on a portion of the lower jaw of the *Iguanodon*, and on the remains of the *Hylæosaurus* and other Saurians, discovered in the strata of Tilgate Forest, Sussex. (Tract.) 4to. London, 1841.
- . On the fossil remains of Turtles discovered in the Chalk formation of the South-east of England. (Tract.) 4to. London, 1841.
- . A Day's Ramble in and about the ancient town of Lewes. 2 copies. 8vo. London, 1846.
- . On the Fossil Remains of the soft parts of Foraminifera, discovered in the Chalk and Flint of the South-east of England. (Tract.) 4to. London, 1846.
- . Observations on Belemnites, and other fossil remains of Cephalopoda. (Tract.) 4to. London, 1848.
- . On Mr. Smith's "Observations" in Annals of Nat. Hist. for July, 1848. (Tract.) 8vo. London?, 1848.
- . On the Structure of the Maxillary and Dental Organs of the *Iguanodon*. (Tract.) 4to. London, 1848.
- . Observations on the Osteology of the *Iguanodon* and *Hylæosaurus*, with notes on the vertebral column of the *Iguanodon*, by A. G. Melville. (Tract.) 4to. London, 1849.
- . On a dorsal dermal spine of the *Hylæosaurus*, recently discovered in the strata of Tilgate Forest. (Tract.) 4to. London, 1850.
- . On the *Pelorosaurus*; an undescribed gigantic terrestrial reptile whose remains are associated with those of the *Iguanodon* and other Saurians in the strata of Tilgate Forest, in Sussex. (Tract.) 4to. London, 1850.
- . On the Remains of Man, and Works of Art imbedded in rocks and strata, as illustrative of the connexion between Archæology and Geology. (Tract.) 8vo. Edinburgh, 1850.
- . Supplementary observations on the structure of the Belemnite and *Belemniteuthis*. (Tract.) 4to. London, 1850.
- . Geological Excursions round the Isle of Wight, and along the adjacent coast of Dorsetshire. 2nd edition. 8vo. London, 1851.

- Mantell** (Gideon Algernon). Petrifactions and their Teachings: or a handbook to the gallery of organic remains of the British Museum. 2 copies. 8vo. *London*, 1851.
- . The Medals of Creation: or, First Lessons in Geology and the study of Organic Remains. 2 vols. 8vo. *London*, 1854.
- . See SERIALS, ETC.: BRIGHTON, Sussex Royal Institution.
- Manzoni** (A.). Della fauna marina di due lembi miocenici dell' alta Italia. (Tract.) 8vo. *Vienna*, 1869.
- . Il Monte Titano (territorio della repubblica di San Marino), i suoi fossili, la sua età ed il suo modo d'origine. (Tract.) 8vo. *Florence*, 1873.
- . I briozoi del pliocene antico di Castrocaro. (Tract.) 4to. *Bologna*, 1875.
- Maraschini** (Pietro). Observations géognostiques sur quelques localités du Vicentin. (Tract.) 2 copies. 4to. *Paris*, 1822.
- . Osservazioni sulle rocce pirigene della valle di Fiemme dei Signori Bertrand-Geslin, Trettenero e Maraschini. (Tract.) 8vo. *Milan*, 1823.
- . Sulle formazioni delle rocce del Vicentino; saggio geologico. 2 copies. 8vo. *Padua*, 1824.
- Marcet** (Alexander). A chemical account of the Brighton Chalybeate. (Tract.) 8vo. *London*, 1805.
- . See BERZELIUS (J.) and WOLLASTON (William Hyde).
- Marcet** (F.). See DE LA RIVE (Aug.).
- Marchese** (E.). Cenno sulle ricchezze minerali dell' isola di Sardegna, etc. (Tract.) 8vo. *Cagliari*, 1862.
- Marcou** (Jules). Notice sur la formation keupérienne dans le Jura Salinois. (Tract.) 4to. *Salins*, 1846.
- . Notice sur les différentes formations des terrains jurassiques dans le Jura occidental. (Tract.) 4to. *Neuchâtel*, 1846.
- . Recherches géologiques sur le Jura Salinois. (Tract.) 4to. *Paris*, 1846.
- . Réponse à une lettre de MM. Foster et Whitney sur le lac Supérieur. (Tract.) 8vo. *Paris*, 1851.
- . A Geological Map of the United States and the British Provinces of North America, with an Explanatory Text, &c. 8vo. *Boston*, 1853.
- . Esquisse d'une classification des chaînes de montagnes d'une partie de l'Amérique du nord. (Tract.) 8vo. *Paris*, 1855.
- . Le terrain carbonifère dans l'Amérique du nord. (Tract.) 8vo. *Geneva*, 1855.
- . Résumé explicatif d'une carte géologique des Etats-Unis et des provinces anglaises de l'Amérique du nord, avec un profil géologique allant de la vallée du Mississipi aux côtes du Pacifique, etc. (Tract.) 8vo. *Paris*, 1855.
- . Sur le gisement de l'or en Californie. (Tract.) 8vo. *Geneva*, 1855.
- . Ueber die Geologie der vereinigten Staaten und der englischen Provinzen von Nord-Amerika. (Tract.) 2 copies. 4to. *Gotha*, 1855.
- . Ecole Polytechnique Fédérale. Cours de géologie paléontologique. Leçon d'ouverture. (Tract.) 8vo. *Zurich*, 1856.

- Marcou (Jules).** Lettres sur les roches du Jura et leur distribution géographique dans les deux hémisphères. 8vo. *Paris*, 1857-60.
- . Le Jura. (Troisième lettre.) (Tract.) 8vo. *Zurich*, 1857.
- . American Geology. Letter on some points of the Geology of Texas, New Mexico, Kansas, and Nebraska; addressed to F. B. Meek and F. V. Hayden. (Tract.) 2 copies. 8vo. *Zurich*, 1858.
- . Geology of North America. 4to. *Zurich*, 1858.
- . Notes pour servir à une description géologique des Montagnes Rocheuses. (Tract.) 8vo. *Geneva*, 1858.
- . Sur le Néocomien dans le Jura et son rôle dans la série stratigraphique. (Tract.) 8vo. *Zurich*, 1858.
- . Dyas et Trias, ou le nouveau grès rouge en Europe, dans l'Amérique du nord et dans l'Inde. (Tract.) 8vo. *Zurich*, 1859.
- . Reply to the criticisms of James D. Dana, including Dana's two articles, with a letter of Louis Agassiz. (Tract.) 2 copies. 8vo. *Zurich*, 1859.
- . Notes on the Cretaceous and Carboniferous Rocks of Texas. (Tract.) 8vo. *Boston*, 1861.
- . The Taconic and Lower Silurian Rocks of Vermont and Canada. (Tract.) 2 copies. 8vo. *Boston*, 1862.
- . Letter to M. J. Barrande on the Taconic Rocks of Vermont and Canada. (Tract.) 2 copies. 8vo. *Cambridge*, 1862.
- . Observations on the terms "Pénéen," "Permian," and "Dyas." (Tract.) 8vo. *Boston*, 1862.
- . Notice sur les gisements des lentilles trilobitifères taconiques de la Pointe-Lévis, au Canada. (Tract.) 8vo. *Paris*, 1864.
- . Une reconnaissance géologique au Nebraska. (Tract.) 8vo. *Paris*, 1864.
- . Le Niagara quinze ans après. (Tract.) 8vo. *Paris*, 1865.
- . Le terrain crétacé des environs de Sioux-City, de la mission des Omahas et de Tekama, sur les bords du Missouri. (Tract.) 8vo. *Paris*, 1866.
- . La faune primordiale dans le pays de Galles et la géologie californienne. (Tract.) 8vo. *Paris*, 1866.
- . Sur divers armes, outils et traces de l'homme américain. (Tract.) 8vo. *Paris*, 1866.
- . Sur le Dyas. (Tract.) 8vo. *Paris*, 1866.
- . Distribution géographique de l'or et de l'argent aux Etats-Unis et dans les Canadas. (Tract.) 8vo. *Paris*, 1867.
- . Le Dyas au Nebraska. (Tract.) 8vo. *Paris*, 1867.
- . Une ascension dans les Montagnes Rocheuses. (Tract.) 2 copies. 8vo. *Paris*, 1867.
- . Notice sur les cartes géologiques de Victoria (Australie) et des îles Britanniques. (Tract.) 8vo. *Paris*, 1868.
- . De la science en France. 1^e partie. 8vo. *Paris*, 1869.
- . Les derniers travaux sur le Dyas et Trias de Russie. (Tract.) 2 copies. 8vo. *Paris*, 1869.
- . Notes sur une météorite tombée le 11 juillet 1868, à Lavaux, près Ornans (Doubs). (Tract.) 2 copies. 8vo. *Paris*, 1869.
- . Notice biographique sur M. Auguste Dollfus-Gros. (Tract.) 8vo. *Paris*, 1869.

- Marcou (Jules).** Notes pour servir à l'histoire des anciens glaciers de l'Auvergne. (Tract.) 8vo. *Paris*, 1870.
- . Les hommes dans l'Australasie. (Tract.) 8vo. *Paris*, 1871.
- . Explication d'une seconde édition de la carte géologique de la terre. 4to. *Paris, Zurich, etc.*, 1875.
- . Report on the Geology of a portion of Southern California. (Tract.) 8vo. *Washington*, 1876.
- . See AGASSIZ (Louis) and BARRANDE (Joachim).
- Marcy (Oliver).** See WINCHELL (Alexander).
- Marcy (R. B.).** See RED RIVER and UNITED STATES. War Department.
- Marenzi (Franz von).** Die Seen der Vorzeit in Oberkrain und die Felsenschliffe der Save. (Tract.) 8vo. *Laibach*, 1863.
- . Zwölf Fragmente über Geologie, oder Beleuchtung dieser Wissenschaft nach den Grundsätzen der Astronomie und der Physik. (Tract.) 2 copies. 8vo. *Trieste*, 1864.
- Marès (Paul).** Nivellement barométrique dans les provinces d'Alger et de Constantine. (Tract.) 8vo. *Paris*, 1864.
- Margó (Tivadar).** A Puhányok Isomrostjáról. (Tract.) 4to. *Pesth*, 1861.
- . Az Izomidegek Végződéseiről. (Tract.) 4to. *Pesth*, 1862.
- Mariani (A.).** See COCCHI (Igino).
- Marianini (Pietro Domenico).** Sopra il fenomeno che si osserva nelle calamite temporarie, di non cessar totalmente, etc. (Tract.) 4to. *Modena*, 1851.
- . Sopra l'aumento di forza assorbente che si osserva in un' elica elettrodinamica quando è circondata da una tubo di ferro. (Tract.) 4to. *Modena*, 1852.
- Marion (A. F.).** See SAPORTA (Gaston de).
- Markham (Clements R.).** A Memoir on the Indian Surveys. 8vo. *London*, 1871.
- . ———. 2nd edition. 8vo. *London*, 1878.
- Markree Catalogue.** Catalogue of Stars near the Ecliptic, observed at Markree during the years 1848–1856. 4 vols. 8vo. *Dublin*, 1851–56.
- Marmier (Xavier).** See GAIMARD (Paul).
- Marmora (Albert de la).** See DE LA MARMORA (Albert).
- Marnesia (Marquis de).** Essai sur la minéralogie du bailliage d'Orgelet, en Franche-Comté. (Tract.) 8vo. *Besançon*, 1778.
- Marryat (Capt.).** On the environs of Nice. (Tract.) MS.
- Marschall (August von).** Auszug aus der Denkschrift des Herrn Alphons Milne-Edwards über die geologische Vertheilung der fossilen Vögel. (Tract.) 8vo. *Vienna*, 1863.
- . Nomenclator Zoologicus. 8vo. *Vienna*, 1873.
- . See HAUER (Franz von) and SUESS (Edward).
- Marsden (Thomas).** The Sacred Steps of Creation. 8vo. *London*, 1865.
- Marsh (Othniel Charles).** The Gold of Nova Scotia. (Tract.) 2 copies. 8vo. *New Haven*, 1861.
- . Description of the remains of a New Enaliosaurian (*Eosaurus acadianus*), from the Coal-formation of Nova Scotia. (Tract.) 8vo. *London*, 1862.

- Marsh (O. C.).** On the Saurian Vertebræ from Nova Scotia. (Tract.)
8vo. *New Haven*, 1862.
- . Catalogue of Mineral Localities in New Brunswick, Nova Scotia, and Newfoundland. (Tract.)
8vo. *Philadelphia*, 1863.
- . Notice of a new Fossil Annelid (*Helminthodes antiquus*) from the Lithographic slates of Solenhofen. (Tract.)
8vo. *New Haven*, 1864.
- . Description of an Ancient Sepulchral Mound near Newark, Ohio. (Tract.)
8vo. *New Haven*, 1866.
- . Contributions to the Mineralogy of Nova Scotia. (Tract.)
8vo. *New Haven*, 1867.
- . Notice of a new species of Fossil Horse. (Tract.)
8vo. *New Haven*, 1868.
- . Observations on the Metamorphosis of *Siredon* into *Amblystoma*. (Tract.)
8vo. *New Haven*, 1868.
- . Description of a New Species of Protichnites from the Potsdam Sandstone of New York. (Tract.) 2 copies.
8vo. *New Haven*, 1869.
- . Notice of some new Mosasauroid Reptiles from the Greensand of New Jersey (and) Description of a new and gigantic fossil Serpent (*Dinophis grandis*) from the Tertiary of New Jersey. (Tract.)
8vo. *New Haven*, 1869.
- . Notice of some new Reptilian Remains from the Cretaceous of Brazil. (Tract.)
8vo. *New Haven*, 1869.
- . Notice of some Fossil Birds from the Cretaceous and Tertiary formations of the United States. (Tract.)
8vo. *New Haven*, 1870.
- . Description of some new Fossil Serpents from the Tertiary deposits of Wyoming. (Tract.)
8vo. *New Haven*, 1871.
- . Notice of a Fossil Forest in the Tertiary of California. (Tract.)
8vo. *New Haven*, 1871.
- . On the Geology of the Eastern Uintah Mountains. (Tract.)
8vo. *New Haven*, 1871.
- . Discovery of additional Remains of Pterosauria, with Descriptions of two new species; Discovery of the Dermal Scutes of Mosasauroid Reptiles. (Tract.)
8vo. *New Haven*, 1872.
- . Notice of some new Tertiary and Post-tertiary Birds. (Tract.)
8vo. *New Haven*, 1872.
- . On the Structure of the Skull and Limbs in Mosasauroid Reptiles, with descriptions of new genera and species. (Tract.)
8vo. *New Haven*, 1872.
- . Preliminary description of new Tertiary Mammals. Part I. (Tract.)
8vo. *New Haven*, 1872.
- . Preliminary description of *Hesperornis regalis*, with notices of four other new species of Cretaceous Birds. (Tract.)
8vo. *New Haven*, 1872.
- . Additional observations on the Dinocerata. (Tract.)
8vo. *New Haven*, 1873.
- . New observations on the Dinocerata. (Tract.)
8vo. *New Haven*, 1873.
- . On a new Sub-class of Fossil Birds (Odontornithes). (Tract.)
2 copies. 8vo. *New Haven*, 1873.

- Marsh (O. C.).** On the Dates of Prof. Cope's Recent Publications. (Tract.) 8vo. *Philadelphia*, 1873.
- . Reply to Professor Cope's Explanation. (Tract.) 8vo. *Philadelphia*, 1873.
- . On the Gigantic Fossil Monuments of the Order Dinocerata. (Tract.) 8vo. *New Haven*, 1873.
- . On the Structure and Affinities of the Brontotheridæ. (Tract.) 8vo. *New Haven*, 1874.
- . New Order of Eocene Mammals, and Notice of new Tertiary Mammals. (Tract.) 2 copies. 8vo. *New Haven*, 1875.
- . On the Odontornithes, or Birds with Teeth. (Tract.) 8vo. *New Haven*, 1875.
- . Notice of new Odontornithes. (Tract.) 8vo. *New Haven*, 1876.
- . Notice of a new Suborder of Pterosauria. (Tract.) 8vo. *New Haven*, 1876.
- . On some Characters of the Genus *Coryphodon*, Owen. (Tract.) 8vo. *New Haven*, 1876.
- . Principal Characters of the Brontotheridæ. (Tract.) 8vo. *New Haven*, 1876.
- . Principal Characters of the Dinocerata. (Tract.) 8vo. *New Haven*, 1876.
- . Introduction and Succession of Vertebrate Life in America. (Tract.) 8vo. *New Haven*, 1877.
- . Principal Characters of the Coryphodontidæ: Characters of the Odontornithes: and notice of a new and gigantic Dinosaur. (Tract.) 8vo. *New Haven*, 1877.
- . Principal Characters of American Jurassic Dinosaurs. Part I. (Tract.) 8vo. *New Haven*, 1878.
- . A new Order of Extinct Reptiles (Sauranodonta) from the Jurassic formation of the Rocky Mountains. (Tract.) 8vo. *New Haven*, 1879.
- . History and Methods of Palæontological Discovery. (Tract.) 8vo. *New Haven*, 1879.
- . Notice of new Jurassic Mammals. (Tract.) 8vo. *New Haven*, 1879.
- . Notice of new Jurassic Reptiles. (Tract.) 8vo. *New Haven*, 1879.
- . Characters of new Mosasauroid Reptiles. (Tract.) 8vo. *New Haven*, 1880.
- . Principal Characters of American Jurassic Dinosaurs. (Tract.) 8vo. *New Haven*, 1880.
- Marsilli (Louis Ferdinand de).** Histoire physique de la mer. Fol. *Amsterdam*, 1725.
- Martens (M.).** Mémoire sur les composés décolorants, formés par le chlore avec les oxydes alcalins. (Tract.) 4to. *Brussels*, 1844.
- Martens (Eduard von).** See SURVEYS: NEW ZEALAND.
- Martin (Edward).** See SMITH (William).
- Martin (Henri).** See ARCHIAC (*Vicomte d'*).
- Martin (John).** Outline of a Comprehensive Plan for diverting the Sewage of London and Westminster from the Thames, and applying it to Agricultural purposes etc. (Tract.) 8vo. *London*, 1850.

- Martin (J. M.).** The Changes of Exmouth Warren. Part II. (Tract.) 8vo. *Truro*, 1876.
- Martin (Jules).** Zone à *Avicula contorta*, ou étage rhætien. Etat de la question. 8vo. *Paris*, 1865.
- Martin (Kennett Beacham).** Oral Traditions of the Cinque Ports and their Localities. (Tract.) 8vo. *London*, 1832.
- . On the necessity for Harbours of Refuge, and their proved utility in that part of the British Channel called "The Narrows," etc. (Tract.) 8vo. *London*, 1839.
- Martin (K.).** Petrefacten aus der rhätischen Stufe bei Hildesheim. Fischreste. (Tract.) 8vo. *Berlin*, 1874.
- . Geologische Theorien der Jetztzeit, mit einleitenden Bemerkungen aus der Vorgeschichte der Geologie. (Tract.) 8vo. *Leyden*, 1877.
- . Niederländische und nordwestdeutsche Sedimentärgeschiebe, ihre Uebereinstimmung, gemeinschaftliche Herkunft und Petrefacten. 8vo. *Leyden*, 1878.
- Martin (Montgomery).** The History, Antiquities, Topography, and Statistics of Eastern India. 3 vols. 8vo. *London*, 1838.
- Martin (Peter John).** A Geological Memoir on a part of Western Sussex. 4to. *London*, 1828.
- . Additional Observations on the Anticlinal Line of the London and Hampshire Basins &c. (Tract.) 4to. *London*, 1829.
- . A Geological Memoir on the Anticlinal Line of the London and Hampshire Basins. 3 copies. 8vo. *London*, 1851.
- . ———. 2nd edition. 8vo. *London*, 1857.
- . Additional Observations on the Anticlinal Line of the London and Hampshire Basins. 2 copies. 8vo. *London*, 1854.
- Martin (William).** Outlines of an attempt to establish a knowledge of Extraneous Fossils on scientific principles. 8vo. *Macclesfield*, 1809.
- . Petrificata Derbiensia; or, Figures and Descriptions of Petrefactions collected in Derbyshire. 4to. *Wigan, London, &c.*, 1809.
- . On the localities of certain Reliquia, or extraneous Fossils, found in Derbyshire. (Tract.) 2 copies. 8vo. *London*, 1812.
- Martini (Friedrich Heinrich Wilhelm) and Chemnitz (Johann Hieronymus).** Neues systematisches Conchylien-Cabinet. Band I.-XI. 4to. *Nuremberg*, 1769-95.
- Martins (Charles).** Observations sur les glaciers du Spitzberg comparés à ceux de la Suisse et de la Norvège. (Tract.) 8vo. *Geneva*, 1840.
- . Remarques et expériences sur les glaciers sans névé de la chaîne du Faulhorn. (Tract.) 8vo. *Paris*, 1842.
- . Mémoire sur les températures de la mer glaciale, à la surface, à de grands profondeurs et dans le voisinage des glaciers du Spitzberg. (Tract.) 8vo. *Paris*, 1848.
- . On the marks of Glacial Action on the Rocks in the environs of Edinburgh. (Tract.) 8vo. *Edinburgh*, 1851.
- . Ricerche sul periodo glaciale. Tradotto da Bartolomeo Gastaldi con note ed aggiunte. (Tract.) 8vo. *Turin*, 1851.
- . Note sur les érosions des roches calcaires dues aux agents atmosphériques, mais simulant des traces de grands courants diluviens. (Tract.) 8vo. *Paris*, 1855.

- Martins (Charles).** La géographie botanique et ses progrès. (Tract.)
8vo. *Paris*, 1856.
- . Du froid thermométrique et de ses relations avec le froid physiologique dans les plaines et sur les montagnes. (Tract.)
4to. *Montpellier*, 1859.
- . La réunion de la Société Helvétique des Sciences Naturelles en 1863. (Tract.)
8vo. *Paris*, 1864.
- . Tableau physique du Sahara oriental de la province de Constantine. (Tract.) 2 copies.
8vo. *Paris*, 1864.
- . Deux ascensions scientifiques au Mont Blanc. (Tract.)
8vo. *Paris*, 1865.
- . Du retrait et de l'ablation des glaciers de la vallée de Chamonix. (Tract.)
8vo. *Paris*, 1866.
- . Du Spitzberg au Sahara.
8vo. *Paris*, 1866.
- . Note sur les traces et les terrains glaciaires aux environs de Baveno sur le Lac Majeur. (Tract.)
8vo. *Paris*, 1866.
- . Sur la possibilité d'atteindre le Pôle nord, etc. (Tract.) 2 copies.
8vo. *Paris*, 1866.
- . Les glaciers actuels et leur ancienne extension pendant la période glaciaire. (Tract.)
8vo. *Paris*, 1867.
- . L'Association Britannique pour l'Avancement des Sciences et sa trente-septième session à Dundee en Ecosse au mois de septembre 1867. (Tract.)
8vo. *Paris*, 1868.
- . La création du monde organisé d'après les naturalistes anglais et allemands de la nouvelle école. (Tract.)
8vo. *Paris*, 1871.
- . Observations sur l'origine glaciaire des tourbières du Jura neuchâtelois et de la végétation spéciale qui les caractérise. (Tract.)
4to. *Montpellier*, 1871.
- . Les populations végétales, leur origine, leur composition, leur migrations, sous l'influence des causes naturelles et par celle de l'homme. (Tract.)
8vo. *Paris*, 1872.
- . Comparaison des membres pelviens et thoraciques chez l'homme et chez les mammifères déduite de la torsion de l'humérus. (Tract.)
8vo. *Paris*, 1873.
- . Aigues-Mortes. Son passé, son présent, son avenir. Essai géologique et historique. (Tract.)
8vo. *Paris*, 1874.
- . Note sur l'ostéologie des membres antérieurs de l'ornithorhynque et de l'échidné comparée à celle des membres correspondants dans les reptiles, les oiseaux et les mammifères. (Tract.)
8vo. *Paris*, 1874.
- . Recherches récentes sur les glaciers actuels et la période glaciaire. (Tract.)
8vo. *Paris*, 1875.
- . Topographie géologique des environs d'Aigues-Mortes. (Tract.)
8vo. *Paris*, 1875.
- . Valeur et concordance des preuves sur lesquelles repose la théorie de l'évolution en histoire naturelle. (Tract.)
8vo. *Paris*, 1876.
- . Sur l'origine paléontologique des arbres, arbustes et arbrisseaux indigènes du midi de la France, sensibles au froid dans les hivers rigoureux. (Tract.)
4to. *Montpellier*, 1877.

- Martins** (Charles). Des moraines contenant des coquilles considérées comme moraines sous-marines. (Tract.) 8vo. *Geneva*, 1876.
- . Températures de l'air, de la terre et de l'eau au Jardin des Plantes de Montpellier, d'après vingt-six années d'observations, 1852-77. (Tract.) 4to. *Montpellier*, 1879.
- . See **QUETELET** (A.).
- and **Collomb** (Edouard). Essai sur l'ancien glacier de la vallée d'Argelès (Hautes-Pyrénées). (Tract.) 4to. *Montpellier*, 1868.
- and **Gastaldi** (B.). Essai sur les terrains superficiels de la vallée du Po, aux environs de Turin, comparés à ceux de la plaine Suisse. (Tract.) 8vo. *Paris*, 1850.
- and **Hogard** (Henri). Les Glaciers. Notes et croquis. (Tract.) 8vo. 1847.
- Martius** (Carl Friedrich Philip von). Biographical Notice. See **MEISSNER** (C. F.).
- . Denkrede auf Joseph Gerhard Zuccarini. (Tract.) 4to. *Munich*, 1848.
- . Rede bei Eröffnung der Sitzung der k.-b. Akademie der Wissenschaften am 28. März 1848. (Tract.) 4to. *Munich*, 1848.
- . Denkrede auf Heinrich Friedrich Link. (Tract.) 4to. *Munich*, 1851.
- . Denkrede auf Christian Samuel Weiss. (Tract.) 4to. *Munich*, 1857.
- . Erinnerung an Mitglieder der mathematisch-physikalischen Classe der k.-b. Akademie der Wissenschaften. (Tract.) 4to. *Munich*, 1859.
- . Denkrede auf Alexander von Humboldt. (Tract.) 4to. *Munich*, 1860.
- . Denkrede auf Joh. Andreas Wagner. (Tract.) 4to. *Munich*, 1862.
- . Zum Gedächtniss an Jean Baptiste Biot. (Tract.) 4to. *Munich*, 1862.
- Maryland and Pennsylvania**. Messages from the Governors of Maryland and Pennsylvania, transmitting the Reports of the Joint Commissioners, and of Lieut.-Col. Graham, in relation to the intersection of the Boundary lines of the States of Maryland, Pennsylvania, and Delaware. (Tract.) 8vo. *Chicago*, 1862.
- Marzari Pencati** (Giuseppe). Elenco delle piante spontanee fino ad ora osservate nel territorio di Vicenza. (Tract.) 8vo. *Milan*, 1802.
- . Corsa pel bacino del Rodano e per la Liguria d'occidente, divisa in sei sezioni, di cui la principale, cioè quella che diede motivo all'opera, contiene la oritografia del Monte Coiron, situato nella dianzi provincia Vivarese, ora dipartimento de l'Ardèche. 8vo. *Vicenza*, 1806.
- . Descrizione del tachigonometro, nuovo stromento geodetico, etc. (Tract.) 4to. *Milan*, 1811.
- . Notizia sopra un granito in massa sovrapposta [sul fiume Avisio] in giacimento discordante, al calcare secondario, etc. (Tract.) Fol. *Venice*, 1820.
- . Quadro delle formazioni che serve d'indice all' Essai géognostique sur le gisement des roches dans les deux hemisphères del Barone di Humboldt, etc. (Tract.) Fol. *Venice*, 1825.

- Maschmann** (H.). Om at forebygge glaskars sprængning under pludselig temperaturvexel. (Tract.) 8vo. *Christiana*, 1832–33.
- Masculi** (Joan. Bapt.). De incendio Vesuvii excitato XVII Kal. Januar. anno trigesimo primo sæculi decimi septimi (1631). 8vo. *Naples*, 1633.
- Maskelyne** (Nevil Story). On the Insight hitherto obtained into the nature of the Crystal Molecule by the instrumentality of Light. (Tract.) 8vo. *London*, 1859.
- . See **BRITISH MUSEUM**.
- Massa** (John). On the Ligurian Mountains. (Tract.) MS.
- Massalongo** (Abramo). Syllabus plantarum fossilium hucusque in formationibus tertiariis agri Veneti delectarum. 8vo. *Verona*, 1859.
- . See **VISIANI** (Roberto de).
- and **Lotze** (Mauritius). Specimen photographicum animalium quorundam plantarumque fossilium. 4to. *Verona*, 1859.
- and **Scarabelli** (G. F.). Studii sulla flora fossile e geologia stratigrafica del Senigalliese. 4to. *Imola*, 1859.
- Masters** (Maxwell T.). Vegetable Teratology; an account of the principal deviations from the usual construction of plants. Illustrated by E. M. Williams. [Ray Society.] 8vo. *London*, 1869.
- Matani** (Antonio). Delle produzioni naturali del territorio Pistoiese: relazione istorica e filosofica. 4to. *Pistoja*, 1762.
- Mather** (William W.). Sketch of the Geology and Mineralogy of New London and Windham Counties, in Connecticut. (Tract.) 8vo. *Norwich, Conn.*, 1834.
- . See **NEW YORK**, Natural History; and **SURVEYS**, OHIO.
- Matheron** (Philippe). Catalogue méthodique et descriptif des corps organisés fossiles du département des Bouches-du-Rhône et lieux circonvoisins. 8vo. *Marseilles*, 1842.
- . Recherches paléontologiques dans le midi de la France, etc. Livr. 1 & 2. (Tract.) 8vo. *Marseilles*, 1878.
- Mathieu** (C. L.). Code des Mines, ou Recueil des lois et réglemens, tant anciens que modernes, etc. 8vo. *Paris*, 1810.
- Maton** (William George). Observations relative chiefly to the Natural History, Picturesque Scenery, and Antiquities of the Western Counties of England, made in the years 1794 and 1796. 2 vols. 8vo. *Salisbury*, 1797.
- and **Rackett** (Thomas). A descriptive Catalogue of the British Testacea. 4to. *London*, 1804.
- Matteucci** (Carlo). Electro-Physiological Researches. Fourth Memoir. The Physiological action of the Electric Current. (Tract.) 4to. *London*, 1846.
- Matthews** (Washington). See **SURVEYS**: UNITED STATES.
- Maupertuis** (Pierre Louis Moreau de). The Figure of the Earth, determined from observations made by order of the French King, at the Polar Circle. Translated from the French. 8vo. *London*, 1738.
- . See **KEILL** (J.).
- Maurer** (G. L. von). Rede bei der hundertjährigen Stiftungsfeier der k. Akademie der Wissenschaften am 28. März 1859. (Tract.) 4to. *Munich*, 1859.

- Maury** (Matthew Fontaine). *Investigations of the Winds and Currents of the Sea. From the Appendix to the Washington Astronomical Observations for 1846.* (Tract.) 4to. *Washington*, 1851.
- . *On the probable relation between Magnetism and the Circulation of the Atmosphere. From the Appendix to the Washington Astronomical Observations for 1846.* (Tract.) 4to. *Washington*, 1851.
- . *Explanations and Sailing Directions to accompany the wind and current charts.* 4th edition. 4to. *Washington*, 1852.
- . ———. 8th edition. Vol. I. 4to. *Washington*, 1858.
- . *The Amazon and the Atlantic Slopes of South America.* (Tract.) 8vo. *Washington*, 1853.
- . [Observations on Atmospheric pressure.] (Tract.) 8vo. *Philadelphia*, 1853.
- . *The Physical Geography of the Sea.* [New edition.] 8vo. *London*, 1858.
- . ———. 5th edition. 8vo. *London*, 1872.
- . See UNITED STATES. Naval Observatory.
- Maw** (George). See EXHIBITION OF 1867 (Paris).
- Maw** (Henry Lister). *The Irish Land Bill.* (Tract.) 8vo. *London*, 1870.
- Mawe** (John). *The Mineralogy of Derbyshire; with a Description of the most interesting Mines in the North of England, in Scotland, and in Wales; and an Analysis of Mr. Williams's work.* 8vo. *London*, 1802.
- . *On the Diamond-mines in the Brazils.* (Tract.) Fol. *Manuscript*, 1810.
- . *On a Gold-mine in South America.* (Tract.) MS.
- . *A Treatise on Diamonds and Precious Stones, including their History—Natural and Commercial.* 8vo. *London*, 1813.
- May** (A.). *A Swedish Grammar for Englishmen.* 8vo. *London and Stockholm*, 1855.
- Mayer** (Johann). *Sammlung physikalischer Aufsätze, besonders die böhmische Naturgeschichte betreffend, von einer Gesellschaft böhmischer Naturforscher.* 2 copies. 8vo. *Dresden*, 1791.
- . See RÖSLER (Karl Anton).
- Mayer** (John). See BRITISH ASSOCIATION: Glasgow Guide Books.
- Mayer** (Karl). *Liste par ordre systématique des Bélemnites des terrains jurassiques et diagnoses des espèces nouvelles.* (Tract.) 8vo. *Paris*, 1863.
- . *Catalogue systématique et descriptif des fossiles des terrains tertiaires qui se trouvent au musée fédéral de Zurich.* Cahiers 2-4. (Tract.) 2 copies. 8vo. *Zurich*, 1867-70.
- . *Ueber die Nummuliten-Gebilde Ober-Italiens.* (Tract.) 8vo. *Zurich*, 1869.
- . *Description de coquilles fossiles des terrains tertiaires inférieurs.* (Tract.) 8vo. *Paris*, 1870.
- . See HARTUNG (G.).
- Mayes** (Charles). See VICTORIA.
- Mayr** (Gustav L.). *Die Ameisen des baltischen Bernsteins.* (Tract.) 4to. *Königsberg*, 1868.
- Mazzola** (Giuseppe). See TURIN (Regio Osservatorio).
- Meade** (Richard). *On specimens collected in New Hampshire, Vermont, etc.* (2 tracts.) MS. 1810-11.

- Mecatti** (Giuseppe Maria). Racconto storico-filosofico del Vesuvio, etc.
4to. *Naples*, 1752.
- . Descrizione della lava scorsa nel mese di luglio dell' anno 1754, nel cratere, o sia piattaforma del Vesuvio, ed eruttata dalla cima d'una montagnuola creatasi quasi nel mezzo di esso cratere; come lo dimostra l'ingiunta carta estratta dal libro dell' osservazioni che mensualmente si fanno dentro il cratere del Vesuvio.
4to. *Naples*, 1754.
- Medlicott** (H. B.). Note relating to the Sivalik Fauna. (Tract.)
8vo. *Calcutta*, 1865.
- . See CAMPBELL (John Francis).
- and **Blanford** (W. T.). A Manual of the Geology of India. Part I. Peninsular Area. Part II. Extra-Peninsular Area. With folded map. 3 vols.
8vo. *Calcutta*, 1879.
- and **Theobald** (W.). Notes on a Celt found by Mr. Hacket in the ossiferous deposits of the Narbadá Valley (Pliocene of Falconer): on the age of the deposits by Mr. H. B. M.; on the associated shells by Mr. W. T. (Tract.)
8vo. *Calcutta*, 1873.
- Meek** (F. B.). Check-list of the Invertebrate Fossils of North America. Miocene. (Smithsonian Miscellaneous Collections, 183.) (Tract.)
8vo. *Washington*, 1864.
- . A Reply to some Remarks published by Prof. Swallow on certain disputed points in the Geology of Kansas and other North-western Localities. (Tract.)
8vo. *Philadelphia?*, 1869.
- . See SURVEYS: CALIFORNIA, MISSOURI, OHIO, and UNITED STATES.
- and **Hayden** (F. V.). Descriptions of new Organic Remains collected in Nebraska Territory in the year 1857, etc. (Tract.)
8vo. *Philadelphia*, 1858.
- , ——. Geological Explorations in Kansas Territory. (Tract.)
8vo. *Philadelphia*, 1859.
- Meekins** (T. C. Mossom). Parliamentary Reform; Should the Colonies be Represented? (Tract.)
8vo. *London*, 1859.
- Meguscher** (Francisco). Memoria in risposta al quesito: additare la migliore e più facile maniera per rimettere i boschi nelle montagne diboschite dell' alta Lombardia e per conservarli e proffettarne.
8vo. *Milan*, 1847.
- Meigs** (J. Aitken). Hints to Craniographers. (Tract.)
8vo. *Philadelphia*, 1858.
- . Description of a deformed, fragmentary Human Skull, found in an ancient quarry-cave at Jerusalem, etc. (Tract.)
8vo. *Philadelphia*, 1859.
- Meissner** (C. F.). Denkschrift auf Carl Friedr. Phil. von Martius. (Tract.) 2 copies.
4to. *Munich*, 1869.
- Melbourne**. METEOROLOGICAL OBSERVATORY. Results of the Meteorological Observations taken in the Colony of Victoria during the years 1859–1862. Edited by George Neumayer.
4to. *Melbourne*, 1864.
- . The Catalogue of the Melbourne Public Library for 1861.
8vo. *Melbourne*, 1861.
- Melle** (Jacob a). De lapidibus figuratis agri litorisque Lubecensis.
4to. *Lubeck*, 1720.

- Möller (V.). Очеркъ.** Sketch of the Geological Structure of the Southern Part of the Nijegorod Government. (Tract.) 8vo. *St. Petersburg*, 1875.
- Melliss (John Charles).** *St. Helena: a physical, historical, and topographical description of the island.* 8vo. *London*, 1875.
- Mello (J. Magens).** *A general sketch of the Geology of Derbyshire.* (Tract.) 8vo. *London*, 1872.
- . *Coal: its nature and uses.* (Tract.) 2 copies. 8vo. *Derby*, 1873.
- . *The Midland Coal Field.* 8vo. *Derby*, 1874.
- . *Handbook to the Geology of Derbyshire.* 8vo. *London*, 1876.
- . *Les Cavernes quaternaires de Creswell (Angleterre).* (Tract.) 8vo. *Paris*, 1879.
- . *Palæolithic Man at Creswell.* (Tract.) 8vo. *Derby*, 1879.
- . See **BRITISH ASSOCIATION.** *Sheffield Guide Book.*
- Melograni (Giuseppe).** *Manuale Geologico.* 8vo. *Naples*, 1809.
- Melsheimer (Friedrich Ernst).** *Catalogue of the described Coleoptera of the United States, revised by S. S. Haldeman and J. L. Le Conte.* (Tract.) 8vo. *Washington*, 1853.
- Melville of Carnbec (Baron).** *The Seaman's Guide round Java; and around the islands east of Java, by H. D. A. Smits.* 8vo. *London*, 1850.
- Melville (A. G.).** See **MANTELL (Gideon Algernon)** and **STRICKLAND (H. E.).**
- Menard de la Groye (F. J. B.).** *Catalogue des livres composant sa bibliothèque.* (Tract.) 8vo. *Paris*, 1828.
- Meneghini (Giuseppe).** *Nuovi fossili toscani.* (Tract.) 8vo. *Florence*, 1851.
- See also **SAVI (P.)** and **MENEGHINI (G.).**
- . *Laurea in scienze naturali di Francesco Carega.* (Sulla attuale scienza geologica.) (Tract.) 8vo. *Pisa*, 1853.
- . *On the Animal Nature of the Diatomeæ, with an organographical revision of the genera established by Kützing.* Translated by Christopher Johnson. (Ray Society.) 8vo. *London*, 1853.
- . *Laurea in scienze naturali conferito al Sig. Alessandro Spagnolini.* (Tract.) 8vo. *Pisa*, 1857.
- . *Paléontologie de l'île de Sardaigne.* (From *De la Marmora's 'Voyage en Sardaigne.'*) 8vo. *Turin*, 1857.
- . ———. *With plates.* 4to. *Turin*, 1857.
- . *Descrizione dei resti di due fiere trovati nelle ligniti mioceniche di Montebambola.* (Tract.) 8vo. *Milan*, 1862.
- . *Sugli Echinodermi fossili neogenici di Toscana.* (Tract.) 8vo. *Milan*, 1862.
- . *Dentex Münsteri*, specie di pesce i cui resti fossili, trovati nelle argille subapennine del Volterrano dal Dott. Gaspere Amidei etc. (Tract.) 4to. *Pisa*, 1864.
- . See **SAVI (Paolo)** and **RENIERI (Stefano Andrea).**
- and **Achiardi (A. d').** *Nuovi fossili titonici di Monte Primo e di Sanvicino, nell' Apennino centrale.* (Tract.) 8vo. *Pisa*, 1879.
- Meneguzzo (Giovanni).** *Stratigrafia della provincia Vicentina.* (Tract.) 8vo. *Vicenza*, 1868.
- Menish (H.?).** *On Concrete Boracic Acid.* (Tract.) 4to. *MS.*, 1808.

- Menteath** (*Sir James Stuart*). Mémoire on the Geology of the Snowdon range of mountains, as connected with its scenery, soil, and productions. (Tract.) 2 copies. 8vo. *Edinburgh*, 1829.
- Mercer** (*Nathan*). The Chemistry of Gold, with a sketch of its Natural History and Geological distribution. 8vo. *Liverpool*, 1853.
- Mercey** (*N. de*). Note sur la direction adoptée pour le tracé des coupes de la carte géologique du département de la Somme, et sur certains rapports entre la structure du sol de la Picardie et celle du détroit du Pas-de-Calais. (Tract.) 8vo. *Paris*, 1876.
- . Classification de la période quaternaire en Picardie. (Tract.) 8vo. *Amiens*, 1877.
- . Description de l'*Inoceramus Mantelli*. (Tract.) 8vo. *Amiens*, 1877.
- . Note sur les croupes de la Somme à Ailly-sur-Somme, à Breilly, à la Chaussée-Tirancourt, etc. (Tract.) 8vo. *Paris*, 1877.
- . Sur deux questions concernant les croupes de la Somme. Nouvelles indications sur les croupes de la Somme. (Tract.) 8vo. *Amiens*, 1877.
- . Note sur la formation du limon glaciaire du département de la Somme par le remaniement des sables gras ou alluvions de rive des alluvions anciennes. (Tract.) 8vo. *Paris*, 1878.
- Mercier de Boissy** (*Ange Bernard*). Biography. See **ARCHIAC** (*Vicomte d'*).
- Merian** (*Peter*). Beiträge zur Geognosie. 1^{er} Band. 2 copies. 8vo. *Basle*, 1821.
- . Geognostische Uebersicht des südlichen Schwarzwaldes. 8vo. *Basle*, 1831.
- . Ueber die in Basel wahrgenommenen Erdbeben. 4to. *Basle*, 1834.
- . Ueber die paläontologische Bestimmung der Formationen. (Tract.) 8vo. *Basle*, 1866.
- . Ueber die Grenze zwischen Jura- und Kreideformation. (Tract.) 8vo. *Basle*?, 1868.
- Merryweather** (*George*). A lecture on Gold and Iron and Iron-ore, with especial reference to the Ironstone of the Vale of the Esk, of Staithes, and Cleveland. (Tract.) 12mo. *London*, 1853.
- Mersey Channels**. Report from the Committee appointed by the British Association . . . to investigate and report upon the effects produced upon the Channels of the Mersey by the alterations which . . . have been made in its Banks. (Tract.) 8vo. *London*, 1856.
- Metals, Mines, and Minerals**. A collection of scarce and valuable Treatises, upon Metals, Mines, and Minerals. [Edited by O. Payne.] In Four Parts. Parts I. and II. Concerning the Art of Metals, written originally in Spanish, by the learned Alvaro Alonso Barba; translated by the Earl of Sandwich in the year 1669. Part III. Containing that invaluable piece of Mr. G. Platte's, viz. a discovery of all sorts of Mines from Gold to Coal. Part IV. Houghton's Compleat Miner. 12mo. *London*, 1738.
- Metropolitan University**. Remarks on the Ministerial Plan of a Central University examining Board. (Tract.) 8vo. *London*, 1836.
- Meugy** (*A.*). Historique des mines de Rive-de-Gier (*Loire*). 8vo. *Paris*, 1848.

- Meugy (A.).** Essai de géologie pratique sur la Flandre française. 8vo. *Lille, Paris, and Brussels*, 1852.
- . Mémoire sur la découverte du phosphate de chaux terreux en France et sur l'emploi de cet engrais dans la culture. (Tract.) 8vo. *Paris*, 1857.
- . Leçons élémentaires de géologie appliquée à l'agriculture. 2^{me} édition. 8vo. *Paris and Troyes*, 1871.
- Meunier (Stanislas).** Cours de géologie comparée. 8vo. *Paris*, 1874.
- . Géologie des environs de Paris, ou Description des terrains et énumération des fossiles qui s'y rencontrent, etc. 2 copies. 8vo. *Paris*, 1875.
- Mexico.** See ZACATECAS.
- Meyen (F. J. F.).** Outlines of the Geography of Plants. Translated by Margaret Johnston. (Ray Society.) 8vo. *London*, 1846.
- Meijer (C. J. A.).** On the Lower Greensand of Godalming. (Tract.) 8vo. *London*, 1869.
- . Notes respecting Chloritic Marl and Upper Greensand. (Tract.) 8vo. *London*, 1878.
- Meyer (Christian Erich Hermann von).** Biographical Notice. See ZITTEL (Carl Alfred).
- . Beiträge zur Petrefactenkunde. (Tract.) 4to. *Bonn*, 1829.
- . Palaeologica: zur Geschichte der Erde und ihrer Geschöpfe. 8vo. *Frankfort*, 1832.
- . Tabelle über die Geologie zur Vereinfachung derselben, und zur naturgemässen Classification der Gesteine. (Tract.) 2 copies. 8vo. *Nuremberg*, 1833.
- . Die fossilen Zähne und Knochen und ihre Ablagerung in der Gegend von Georgensgünd in Bayern. (Tract.) 4to. *Frankfort*, 1834.
- . Abweichungen von der Fünffzahl bei Echinideen, etc. (Tract.) 4to. *Bonn*, 1835.
- . Beiträge zu Eryon, einem geschlechte fossiler langschwänziger Krebse. (Tract.) 4to. *Bonn*, 1835.
- . *Isocrinus* und *Chelocrinus*, zwei neue Typen aus der Abtheilung Crinoideen. (Tract.) 4to. 1835.
- . Recherches sur les ossements fossiles du grès bigarré de Soultz-les-Bains, Bas-Rhin. (Tract.) 4to. *Strasburg*, 1835.
- . Neue Gattungen fossiler Krebse aus Gebilden vom bunten Sandstein bis in die Kreide. (Tract.) 2 copies. 4to. *Stuttgart*, 1840.
- . Zur Fauna der Vorwelt. Fol. *Frankfort*, 1845–60.
- Fossile Säugethiere, Vögel und Reptilien [1845]. Saurier des Muschelkalkes [1847–55]. Reptilien aus der Steinkohlenformation in Deutschland [1858]. Saurier aus dem Kupferschiefer der Zechsteinformation [1856]. Reptilien aus dem lithographischen Schiefer des Jura in Deutschland und Frankreich [1860].
- . *Pterodactylus (Rhamphorhynchus) Gemmingi* aus dem Kalkschiefer von Solenhofen. (Tract.) 4to. 1846.
- . Ueber die Reptilien und Säugethiere der verschiedenen Zeiten der Erde. 8vo. *Frankfort*, 1852.
- . (Ueber den Reptilien der Steinkohlenformation Deutschlands.) (Tract.) 8vo. *Berlin*, 1854.

- Meyer** (Christian Erich Hermann von). See BRONN (H. G.) and DUNKER (Wilhelm).
- and **Plieninger** (Theodor). Beiträge zur Paläontologie Württembergs, enthaltend die fossilen Wirbelthierreste aus den Triasgebilden, mit besonderer Rücksicht auf die Labyrinthodonten des Keupers. (Tract.) 4to. *Stuttgart*, 1844.
- Meyer** (J. N.). Ueber die Fortschritte der Cultur in den Fürstenthümern Wallachei und Moldau in besonderer Beziehung auf naturwissenschaftliche Kenntnisse. (Tract.) 8vo. *Bonn*, 1835.
- Meyer** (Johann Rudolf) and MEYER (Hieronymus). Reise auf den Jungfrau-Gletscher und Ersteigung seines Gipfels. (Tract.) 8vo. *Aarau*, 1812.
- —. Reise auf die Eisgebirge des Kantons Bern und Ersteigung ihrer höchsten Gipfel im Sommer 1812. (Herausgegeben von Zschokke.) (Tract.) 2 copies. 8vo. *Aarau*, 1813.
- Miall** (Louis Compton). A Descriptive Guide to the Fossil Collection—Museum of the Leeds Philosophical and Literary Society. (Tract.) 8vo. *Leeds*, 1873.
- —. Monograph of the Sirenoid and Crossopterygian Ganoids. (Palæontographical Society.) 4to. *London*, 1878, etc.
- and **Greenwood** (F.). Studies in Comparative Anatomy. No. II. Anatomy of the Indian Elephant. 8vo. *London*, 1878.
- Michel** (A.). See HUNT (Thomas Sterry).
- Michelin** (Hardouin). Iconographie zoophytologique; description par localités et terrains des polypiers fossiles de France et pays environnans. 4to. *Paris*, 1840–47.
- —. Note sur différentes espèces du genre *Vioa*. (Tract.) 8vo. *Paris*, 1846.
- —. Note sur le nouveau genre *Metaporinus*, Echinide de la famille des Clypeastroïdes d'Agassiz. (Tract.) 8vo. *Paris*, 1846.
- —. Description de quelques nouvelles espèces d'Echinodermes fossiles. (Tract.) 8vo. *Paris*, 1853.
- —. Note sur quelques Echinides fossiles. (Tract.) 8vo. *Paris*, 1854.
- —. Notice sur un genre nouveau à établir dans la famille des Spatangoides sous le nom de *Mæra*. (Tract.) 8vo. *Paris*, 1855.
- —. Note sur le *Conoclypeus conoideus*, Agassiz. (Tract.) 8vo. *Paris*, 1856.
- —. Notice relative aux descriptions des Echinides. (Tract.) 8vo. *Paris*, 1858.
- —. Revue des espèces connues et nouvelles du genre *Mellita*, famille des Clypéastroïdes. (Tract.) 8vo. *Paris*, 1858.
- —. Monographie des Clypéastres fossiles. 4to. *Paris*, 1861.
- Michell** (John). Conjectures concerning the cause, and Observations upon the Phenomena, of Earthquakes: particularly of that Great Earthquake of 1755, which proved so fatal to the City of Lisbon. (Tract.) 8vo. *London*, 1760.
- Michelotti** (Giovanni). Specimen Zoophytologiæ diluvianæ. (Tract.) 8vo. *Turin*, 1838.
- —. Brevi cenni di alcuni resti delle classi Brachiopodi ed Acefali, trovati fossili in Italia. (Tract.) 4to. *Venice*, 1839.

- Michelotti** (Giovanni). Indice ragionato di alcuni testacei di Cefalopodi fossili in Italia, nella Savoia, e nel contado di Nizza. (Tract.) 4to. *Milan*, 1840.
- . Rivista di alcune specie fossili della famiglia dei Gasteropodi. (Tract.) 4to. *Milan*, 1840.
- . Brevi cenni sullo studio della zoologia fossile. (Tract.) 4to. *Turin*, 1841.
- . Monografia del genere *Murex*. (Tract.) 4to. *Venice*, 1841.
- . Saggio storico dei Rizopodi caratteristici dei terreni sopracretacei. (Tract.) 4to. *Modena*, 1841.
- . Etudes sur le Miocène inférieur de l'Italie septentrionale. 4to. *Haarlem*, 1861.
- . See **BELLARDI** (Luigi) and **DUCHASSAING DE FONBRESSIN** (P.).
- Middendorff** (Alex. Th. von). Reise in den äussersten Norden und Osten Sibiriens. 4 vols. 4to; Atlas, fol. *St. Petersburg*, 1848–51.
- . See **HELMERSEN** (Gregor von).
- Middleton** (John). Outlines of the Mineral Strata of Great Britain. (Tracts.) 8vo. *London*, 1812–13.
- . General view of the Agriculture of Middlesex, etc. 2nd edition. 8vo. *London*, 1813.
- Mietzsch** (Hermann). Geologie der Kohlenlager. 8vo. *Leipzig*, 1875.
- . See **SURVEYS: SAXONY**.
- Migliarini** (M. A.). Osservazioni sopra i numeri che usarono gli Etruschi. (Tract.) 8vo. *Florence*, 1860.
- Milano** (Michele). Cenni geologici sulla provincia di Terra d'Otranto. (Tract.) 8vo. *Naples*, 1815.
- . ———. (Tract.) 8vo. *Leghorn*, 1820.
- . Cenni geologici sul tenimento di Massa Lubrense. (Tract.) 8vo. *Naples*, 1820.
- Military Sciences**. Aide Mémoire. Part I. Vol. II., comprising F, G, H, I, K, L, M. (Geology by J. E. Portlock.) 8vo. *London*, 1848.
- Milizia** (Francesco). See **BOWLES** (William).
- Millard** (John). A Letter to the Rt. Hon. Thomas Spring-Rice, . . . containing a Plan for the better management of the British Museum. 8vo. *London*, 1836.
- Mille** (—). See **PARIS TO BREST**. Profil géologique, suivant le tracé du chemin de fer.
- Miller** (Henry). See **VAN DEN BROECK** (Ernest).
- Miller** (Hugh). The Old Red Sandstone, or new walks in an old field. 3rd edition. 8vo. *London and Edinburgh*, 1847.
- . ———. 4th edition. 8vo. *Edinburgh and London*, 1850.
- . Footprints of the Creator; or the Asterolepis of Stromness. 3rd edition. 8vo. *London*, 1850.
- . Geology. A Lecture. (Tract.) 8vo. *London*, 1854.
- . The Testimony of the Rocks, or Geology in its bearings on the two Theologies, natural and revealed. Lecture III. The two Records, Mosaic and Geological, with remarks by Wm. Parker Foulke. (Tract.) 8vo. *Philadelphia*, 1854.
- . The Testimony of the Rocks; or Geology in its bearings on the two Theologies, natural and revealed. 8vo. *Edinburgh and London*, 1857.

- Miller (Hugh).** (Works: A posthumously published uniform series.)
8vo. *Edinburgh*, 1869.
- My Schools and Schoolmasters. 13th edition.
- Footprints of the Creator, or the Asterolepis of Stromness. With Memoir by Louis Agassiz. 11th edition.
- Sketch-book of Popular Geology. 3rd edition.
- Edinburgh and its neighbourhood, Geological and Historical; with the Geology of the Bass Rock. 3rd edition.
- Essays, Historical and Biographical, Political and Social, Literary and Scientific. 3rd edition.
- Tales and Sketches. 3rd edition.
- The Cruise of the 'Betsy,' or a summer holiday in the Hebrides, with Rambles of a Geologist, or ten thousand miles over the Fossiliferous deposits of Scotland. 7th edition.
- The Headship of Christ, and the rights of the Christian People. 3rd edition.
- The Old Red Sandstone, or new walks in an old field. (11th thousand.)
- The Testimony of the Rocks, or Geology in its bearings on the two theologies, natural and revealed. (36th thousand.)
- First Impressions of England and its People. 9th edition.
- Scenes and Legends of the north of Scotland, or the Traditional History of Cromarty. 7th edition.
- Miller (J. S.).** A Natural History of the Crinoidea, or Lily-shaped animals. (2 copies.) 4to. *Bristol*, 1821.
- Miller (William Allen).** Experiments and Observations on some Cases of Lines in the Prismatic Spectrum produced by the passage of Light through Coloured Vapours and Gases, and from certain Coloured Flames. (Tract.) 8vo. *London*, 1845.
- Miller (William Hallows).** A Treatise on Crystallography. (Tract.) 8vo. *Cambridge and London*, 1839.
- . A Tract on Crystallography. 8vo. *Cambridge*, 1863.
- . On the Crystallographic method of Grassmann, and on its employment in the investigation of the general geometric properties of Crystals. (Tract.) 8vo. *Cambridge*, 1868.
- . See PERCY (John) and PHILLIPS (William).
- Milligan (Joseph).** Reports on the Coal-basins of Van Diemen's Land. (Tract.) 8vo. *Hobart Town*, 1849.
- Millin (A. L.).** Minéralogie Homérique, ou Essai sur les minéraux dont il est fait mention dans les poèmes d'Homère. 2^e édition. 8vo. *Paris*, 1816.
- Mills (D.).** A report on the boundaries of the province of Ontario. 8vo. *Toronto*, 1873.
- Mills (Abraham).** Catalogue of his miscellaneous collection of books and pictures. (Tract.) 8vo. *London*, 1828.
- Milne-Home (David).** A Geological Survey of Berwickshire. (Tract.) 8vo. *Edinburgh*, 1837.
- . Memoir on the Mid-Lothian and East-Lothian Coal-fields. 4to. *Edinburgh and London*, 1839.
- . Geological Account of Roxburghshire. (Tract.) 4to. *Edinburgh*, 1843.

- Milne** (Joshua). Catalogue (sale) of *his* valuable and extensive library of books, comprising . . . Mathematics, Natural Philosophy, and Natural History, etc. (Tract.) 8vo. *London*, 1851.
- Milne Edwards** (Alphonse and Henri). See **EDWARDS** (A. M. and H. M.).
- Milner** (Thomas). Gallery of Geography. 8vo. *London*, 1864.
- Miltenberg** (Wilhelm Adolph). *Die Höhen der Erde*. 4to. *Frankfort*, 1815.
- Mine Adventure**. A familiar discourse or dialogue concerning the Mine Adventure. 8vo. *London*, 1700.
- Mingaud** (Ph.). *De l'Erinus alpinus*, Erine pourprée des Alpes de la famille des Personnées de Jussieu, histoire topographique de son habitat constaté. (Tract.) 8vo. *Paris*, 1861.
- . Coup-d'œil rapide sur les terrains du bassin de Saint-Jean-du-Gard, etc. (Tract.) 8vo. *Paris*, 1863.
- . The Arbutus; its Propagation and Culture, etc. 2nd edition. (Tract.) 8vo. *London*, 1865.
- Mining**. Bericht vom Bergbau. 4to. *Leipzig*, 1772.
- . Corpus Juris et Systema rerum Metallicarum, oder; Neuverfasstes Berg-Buch, Bestehend aus allerhaud, so alten als neuern Collectaneis von Bergwercks-Sachen. Fol. *Frankfort*, 1698.
- . Edits, ordonnances, arrêts et réglemens sur le fait des mines et minières de France, etc. Jouxte la copie imprimée à Paris chez Pierre Charpentier, contre l'Horloge du Palais, au Paradis, en 1631. 8vo. *Paris*, 1764.
- . See **VEITH** (Heinrich), **METALS**, ETC., and **ANON**. Mining.
- Minnesota**: Its Progress and Capabilities. Being the second Annual Report of the Commissioners of Statistics for the years 1860 and 1861. 8vo. *Saint Paul*, 1862.
- . Statistics of Minnesota pertaining to its Agriculture, Population, Manufactures, etc., for 1869. Being the first annual report of the Assistant Secretary of State to the Governor. 8vo. *Saint Paul*, 1870.
- Mirabaud** (—). *Système de la Nature, ou des loix du monde physique et du monde moral*. 2 parts. 8vo. *London*, 1770.
- Mississippi Report**. See **HUMPHREYS** (A. A.).
- Mitchell** (George). See **KARSTEN** (Dietrich Ludwig Gustav).
- Mitchell** (Hugh). Notice of new Fossils from the Lower Old Red Sandstone of Scotland. (Tract.) 8vo. *London*, 1860.
- Mitchell** (John). On the Extraction of the Precious Metals by means of Mitchell's Amalgamating Machinery. (Tract.) 8vo. *London*, 1858.
- Mitchell** (Sir T. L.). Outlines of a System of Surveying, for geographical and military purposes. (Tract.) 8vo. *London*, 1827.
- . Three Expeditions into the interior of Eastern Australia. 2 vols. 8vo. *London*, 1838.
- . Journal of an Expedition into the interior of Tropical Australia. 8vo. *London*, 1848.
- . Geological Report on the Goldfields in the Counties of Wellington and Bathurst. (Tract.) 8vo. *Sydney*, 1852.

- Mitchell** (Walter). On the Geometrical Isomorphism of Crystals and the derivation of all other forms from those of the Cubical system. 8vo. *London*, 1867.
- . See **TENNANT** (James).
- Möbius** (K.). Die echten Perlen. (Tract.) 4to. *Hamburg*, 1858.
- Moe** (Jörg). Cantate ved det Kongelige Norske Frederiks Universitets Mindefest for Hans Majestæt Kong Carl den 19^{de} November, 1872. (Tract.) 4to. *Christiania*, 1872.
- Moggridge** (M.). On the Section exposed in the excavation of the Swansea Docks. (Tract.) 8vo. *London*, 1856.
- . See **GAUDIN** (C. Th.).
- Möhl** (Heinrich). Die Urgeschichte des kurhessischen Landes. (Tract.) 8vo. *Cassel*, 1863.
- . Die Gesteine (Tachylit, Basalt und Dolerit) der Sababurg in Hessen, etc. (Tract.) 8vo. *Cassel*, 1869.
- . Die südwestlichsten Ausläufer des Vogelsgebirges. (Tract.) 8vo. *Offenbach*, 1870?
- . Der Bühl bei Weimar in der Nähe von Kassel. (Tract.) 8vo. *Offenbach*, 1872?
- . Der Scheidsberg bei Remagen am Rhein. (Tract.) 8vo. *Offenbach*, 1872?
- . Die Basalte und Phonolithe Sachsens, mikroskopisch untersucht und beschrieben. 4to. *Dresden*, 1873.
- . Kleine Beiträge zum Vorkommen des Tridymits, Breislakits und Sodaliths. (Tract.) 8vo. *Stuttgart*, 1873.
- . Mikroskopische Untersuchung einiger Basalte Badens. (Tract.) 8vo. *Stuttgart*, 1873.
- . Mikromineralogische Mittheilungen. (Tract.) 8vo. *Stuttgart*, 1873.
- . ———. Erste Fortsetzung. 1. Einige neu aufgefundenen Hauynbasalte. (Tract.) 8vo. *Stuttgart*, 1874.
- . ———. ———. 9. Vier Trachyte vom G. Merapi bei Salatija in Central Java. (Tract.) 8vo. *Stuttgart*, 1874.
- . Die Basalte der preussischen Oberlausitz. (Tract.) 8vo. *Görlitz*, 1874.
- . Die Basalte der rauhen Alb. (Tract.) 8vo. *Stuttgart*, 1874.
- . Erdbeben und Vulkane. (Tract.) 8vo. *Berlin*, 1874.
- . Ueber die mineralogische Constitution und Eintheilung der Phonolithe. (Tract.) 8vo. *Stuttgart*, 1874.
- . Zusammenstellung, mikroskopische Untersuchung and Beschreibung einer Sammlung typischer Basalte. (Tract.) 8vo. *Stuttgart*, 1874.
- Mohl** (Hugo von). On the Structure of the Palm Stem. (Ray Society.) 8vo. *London*, 1849.
- Mohn** (H.). Bidrag til Kundskaben om gamle Strandlinier i Norge. (Tract.) 8vo. *Christiania*, 1876.
- Mohr** (Friedrich). Geschichte der Erde. Eine Geologie auf neuer Grundlage. 8vo. *Bonn*, 1866.
- . Geschichte der Erde. Ein Lehrbuch der Geologie auf neuer Grundlage. 8vo. *Bonn*, 1875.

- Mohrenstern** (Gustav Schwartz von). See **SCHWARTZ-VON-MOHRENSTERN** (Gustav).
- Mohs** (Friedrich). Sammlung mineralogischer und bergmännischer Abhandlungen. Band I. (Beschreibung des Grubengebäudes Himmelsfürst). 8vo. *Vienna*, 1804.
- . Mineralien-Kabinet des Herrn Jac. Friedr. von der Null, nach einem, durchaus auf äussere Kennzeichen gegründeten Systeme geordnet, beschrieben, und . . . als Handbuch der Oryctognosie brauchbar gemacht von F. Mohs. 3te Abtheil. 8vo. *Vienna*, 1804.
- . Versuch einer Elementar-Methode zur naturhistorischen Bestimmung und Erkennung der Fossilien. 1er Theil. (Tract.) 8vo. *Vienna*, 1812.
- . The Characters of the Classes, Orders, Genera, and Species; or the Characteristic of the Natural History System of Mineralogy. 8vo. *Edinburgh*, 1820.
- . Treatise on Mineralogy, or the Natural History of the Mineral Kingdom. Translated from the German, with considerable additions, by W. Haidinger. 3 vols. 8vo. *Edinburgh*, 1825.
- Mojon** (Giuseppe). Descrizione mineralogica della Liguria. (Tract.) 8vo. *Geneva*, 1805.
- Mojsisovics von Mojsvár** (Edmund von). Bericht über die im Sommer 1868 durch die IV. Section der k.-k. geologischen Reichsanstalt ausgeführte Untersuchung der alpinen Salzlagerstätten. (Tract.) 8vo. *Vienna*, 1869.
- . Ueber die Gliederung der oberen Triasbildungen der östlichen Alpen. (Tract.) 8vo. *Vienna*, 1869.
- . Beiträge zur Kenntniss der Cephalopodenfauna der önischen Gruppe. (Tract.) 8vo. *Vienna*, 1870.
- . Beiträge zur Kenntniss der Cephalopodenfauna des alpinen Muschel-Kalks. (Tract.) 8vo. *Vienna*, 1870.
- . Beiträge zur topischen Geologie der Alpen. (Tracts.) 8vo. *Vienna*, 1871–73.
- . Ueber das Belemniten-Geschlecht *Aulacoceras*, Fr. v. Hauer. (Tract.) 8vo. *Vienna*, 1871.
- . Ueber die Grenze zwischen Ost- und West-Alpen. (Tract.) 8vo. *Vienna*, 1873.
- . Ueber einige Trias-Versteinerungen aus den Süd-Alpen. (Tract.) 8vo. *Vienna*, 1873.
- . Faunengebiete und Faciesgebilde der Trias-Periode in den Ost-Alpen. (Tract.) 8vo. *Vienna*, 1874.
- . Ueber die Ausdehnung und Structur der südosttirolischen Dolomitstöcke. (Tract.) 8vo. *Vienna*, 1875.
- . Vorläufige kurze Uebersicht der Ammoniten-Gattungen der mediterranen und juvavischen Trias. (Tract.) 8vo. *Vienna*, 1879.
- . Ammonites of the Mediterranean and Juvavian Trias. (Tract.) 8vo. *London*, 1879.
- . Die Dolomit Riffe von Südtirol und Venetien. Text and Maps. 2 copies. 8vo. *Vienna*, 1879.
- . Zur Geologie der Karsterscheinungen. (Tract.) 8vo. *Vienna*, 1880.

- Moldenhauer** (Friedrich). Verzeichniss der Mineralien und geordneten Sammlungen des Mineraliencomptoir's in Heidelberg (Catalogue des Minéraux, etc.). (Tract.) 8vo. *Heidelberg*, 1825.
- Moliner-Violle** (F. A.). See **BOURJOT** (A. A.).
- Moll**. See **SALZBURG**.
- Möller** (Valerian von). Ueber die Trilobiten der Steinkohlenformation des Ural. (Tract.) 8vo. *Moscow*, 1867.
- . Die spiral-gewundenen Foraminiferen des russischen Kohlen-Kalks. (Tract.) 4to. *St. Petersburg*, 1878.
- . Paläontologische Beiträge und Erläuterungen zum Briefe Danilewsky's über die Resultate seiner Reise an den Manytsch. (Tract.) 8vo. *St. Petersburg*, 1878.
- Molyneux** (William). Burton-on-Trent, its History, its Waters, and its Breweries. 8vo. *London and Burton-on-Trent*, 1869.
- . The Old River-courses and the Recent Floods of the Trent Valley at Burton-on-Trent, &c. (Tract.) 8vo. *Burton-on-Trent*, 1876.
- Mongez** (Jean André). See **BERGMAN** (Torbern).
- Monier** (E.). Reproduction de quelques substances minérales par la diffusion de liquides superposés de densité différente et pouvant donner entre eux un précipité insoluble. (Tract.) 8vo. *Saint Denis*, 1880.
- Monnet** (Ant. Grimoald). Exposition des Mines, ou Description de la nature et de la qualité des mines, etc. 8vo. *London*, 1772.
- . Nouveau Système de Minéralogie. 8vo. *Bouillon*, 1779.
- . See **BORN** (Ignaz von).
- Monnet de Lamarck** (Jean P. Baptiste Antoine de). See **LAMARCK** (J. P. B. A. de Monnet de).
- Monrad** (M. J.). Det Kongelige Norske Frederiks Universitets stiftelse. (Tract.) 8vo. *Christiania*, 1861.
- Monro** (Henry S.). See **SURVEYS: JAPAN**.
- Montagna** (Crescenzo). Saggio di studii sul carbone fossile di Agnana. Parte prima. Geologia. (Tract.) 8vo. *Naples*, 1855.
- . Giaciture e condizione del terreno carbonifero di Agnana e dintorni. 4to. *Naples*, 1857.
- . Sulle anomalie geognostiche e paleontologiche delle formazioni apenniniche delle provincie meridionali. (Tract.) 2 copies. 8vo. *Turin*, 1863.
- . Generazione della terra. 8vo. *Turin*, 1864.
- . Intorno all' esistenza di resti organizzati nelle rocce dette azoiche ed alla doppia origine del granito. (Tract.) 8vo. *Turin*, 1866.
- . Nouvelle théorie du métamorphisme des roches. 2 copies. 8vo. *Naples*, 1869.
- Monteiro** (J. A.). Mémoire sur plusieurs nouvelles variétés de formes déterminables de topaze. (Tract.) 8vo. *Munich*, 1811.
- . Mémoire sur la chaux fluatée du Vésuve. (Tract.) 4to. *Paris*, 1812.
- . Mémoire sur la détermination directe d'une nouvelle variété de forme cristalline de chaux carbonatée, etc. (Tract.) 2 copies. 4to. *Paris*, 1813.

- Monteiro (J. A.).** Nouvelle description minéralogique du *pyroméride globaire*, ou de la roche connue sous le nom de *porphyre globuleux de Corse*. (Tract.) 4to. Paris, 1814.
- . Observations et considérations analytiques sur la composition et sur la structure du *pyroméride globaire*, etc. (Tract.) 4to. Paris, 1814.
- . Mémoire sur un nouveau problème cristallographique. (Tract.) 4to. Paris, 1820.
- Monteiro (Joachim John).** Angola and the River Congo. 2 vols. 8vo. London, 1875.
- Montfort (P. Denys-).** See DENYS-MONTFORT (P.).
- Montgomery (Robert).** A Critical Review of Mr. Montgomery's Poem of Oxford, by the Reviewer of the 'Keepsake,' for 1831. (Tract.) 8vo. London, 1831.
- Monticelli (Teodoro).** Descrizione dell' eruzione del Vesuvio avvenuta ne' giorni 25 e 26 dicembre dell' anno 1813. (Tract.) 2 copies. 4to. Naples, 1815.
- . ———. 4to. Naples, 1841.
- and **Covelli (N.).** Observations et expériences faites au Vésuve pendant une partie des années 1821 et 1822. (Tract.) 8vo. Naples, 1822.
- ———. Storia de' fenomeni del Vesuvio, avvenuti negli anni 1821, 1822 e parte del 1823, con osservazioni e sperimenti. 8vo. Naples, 1823.
- ———. Prodrómo della mineralogia vesuviana. Vol. I. Oritognosia. 8vo. Naples, 1825.
- Montpéreux (Frédéric du Bois de).** See DU BOIS DE MONTPÉREUX (Frédéric).
- Montreal.** Report of the Trustees of the Montreal Mining Company, November 1846. (Tract.) 8vo. Montreal, 1846.
- Moore (Charles).** On the Palæontology of the Middle and Upper Lias. (Tract.) 8vo. Taunton, 1853.
- . On new Brachiopoda from the Inferior Oolite of Dundry etc. (Tract.) 8vo. Taunton, 1855.
- . On the Zones of the Lower Lias and the *Avicula contorta* zone. (Tract.) 8vo. London, 1861.
- . On the Middle and Upper Lias of the South-west of England. 8vo. Taunton, 1865–66.
- . Handbook to the Geological Collection of Charles Moore, deposited at the Royal Literary and Scientific Institution, Bath. (Tract.) 8vo. Bath, no date.
- . Report on Mineral Veins in Carboniferous Limestone, and their organic contents. (Tract.) 8vo. London, 1869.
- . The Mammalia and other remains from Drift-deposits in the Bath Basin. (Tract.) 8vo. Bath, 1870.
- Moore (Frederic).** See MUSEUMS: E. I. Comp. Catalogue of the East-India Company's Museum.
- Moore (J. Hamilton).** The Practical Navigator and Seaman's new Daily Assistant. 8vo. London, 1772.
- Moore (J. Scott).** Pre-glacial Man and Geological Chronology. 8vo. Dublin, 1868.

- Moore (Ralph).** See **REPORTS, PARLIAMENTARY. Mines.**
- Moore (Thomas, jun.).** On the Effects of the Earthquake which was felt in Lancashire on the 17th March, 1843. (Tract.)
8vo. *Manchester*, 1843.
- Morand (J. F. C.).** Die Kunst auf Steinkohlen zu bauen. (I. Theil.)
4to. *Leipzig*, 1771.
- Mörch (O. A. L.).** Etudes sur la famille des Vermets. (Tract.)
8vo. *Paris*, 1860.
- . Forsteningerne i tertierlagene i Danmark. (Tract.)
8vo. *Copenhagen*, 1874.
- Morewood (John Joseph).** Metropolitan Main Drainage. Petition. (Tract.)
8vo. *London*, 1867.
- Morgan Expeditions.** See **HARTT (Ch. Fred.)** and **RATHBUN (Richard).**
- Morineau (E.).** See **HENWOOD (William Jory).**
- Morlot (A. von).** Erläuterungen zur geologischen Uebersichtskarte der nordöstlichen Alpen.
8vo. *Vienna*, 1847.
- . Ueber die geologische Uebersichtskarte der östlichen Alpen und den dazu gehörigen Band Erläuterungen. (Tract.)
8vo. *Vienna*, 1847.
- . Lettre sur la Dolomie. (Tract.)
4to. *Paris*, 1848.
- . Considérations générales sur l'Archéologie. (Tract.)
8vo. *Berne*, 1859.
- . Leçon d'ouverture d'un cours sur la haute antiquité. (Tract.)
8vo. *Lausanne*, 1861.
- . Les premiers pas dans l'étude de la haute antiquité soit des temps antéhistoriques. (Tract.)
8vo. *Lausanne?*, 1863.
- . Résumé du 5^{me} rapport du Dr. Keller sur les établissements lacustres. (Tract.)
8vo. *Geneva*, 1863.
- . L'Archéologie du Mecklenbourg. (Tract.)
8vo. *Zurich*, 1868.
- Morlot (Charles Adolph von).** Obituary Notice. See **CHAVANNES (S.).**
- Moro (Anton Lazzaro).** Biographical Notice. See **PODRECCA (G. L.).**
De' crostacei e degli altri marini corpi che si truovano su' monti,
Libri due.
4to. *Venice*, 1740.
- Morogues (P. M. S. Bigot de).** See **BIGOT DE MOROGUES (P. M. S.).**
- Morris (George).** A correct Report on the Llangennech Collieries; also the Result of a Recent Trial of the Coal by Mr. James Whitburn, with various important facts and estimates, collected from the best authorities. By R. Cort. (Tract.)
4to. *Bristol*, 1822.
- Morris (John).** A Catalogue of British Fossils, comprising the Genera and Species hitherto described, &c. 2 copies. 8vo. *London*, 1843.
- . ———. 4 vols. *Fol.*
- * * This consists of the pages of the Catalogue mounted upon folio pages, and illustrated by cuttings from various plates.
- . ———. 2nd edition. 2 copies. 8vo. *London*, 1854.
- . Note on the Genus *Siphonotreta*, with a description of a new species (*S. anglica*). (Tract.)
8vo. *London*, 1849.
- . Observations on Mr. Hancock's paper on the Excavating Sponges. (Tract.)
8vo. *London*, 1849.
- . A Tabular View of the principal Fossiliferous Deposits of the British Isles. (Tract.)
4to. *London*, 1850.
- . Geological Notes. (Tract.)
8vo. *London*, no date.

- Morris (John).** Palæontological Notes. (Tract.) 8vo. *London*, 1851.
- . Description of a Species of Belemnite, with observations on *Aptychus*. (Tract.) 8vo. *London*, 1852.
- . On the Occurrence of Allophane at Charlton, Kent. (Tract.) 8vo. *London*, 1856.
- . (Notice of) Advanced Text-book of Geology, Descriptive and Industrial, by D. Page. (Tract.) 8vo. *London*, 1857.
- . (Notice of) Popular Geology, by Dionysius Lardner. (Tract.) 8vo. *London*, 1857.
- . The Lead-bearing Districts of the North of England. (Tract.) 8vo. *London*, 1869.
- . [An Abstract of a Lecture] On Gems and Precious Stones. (Tract.) 8vo. *London*, 1871.
- . Lecture on the Geology of Croydon, in relation to the Geology of the London Basin and other localities. (Tract.) 2 copies. 8vo. *Croydon*, 1875.
- . Lecture on the Geology of Croydon. 8vo. *Croydon*, 1877.
- . The Physical Structure of the London Basin considered in its relation to the Geology of the neighbourhood of Watford. (Tract.) 8vo. *Watford*, 1876.
- . Geologists' Association. Address delivered at the opening of the Session 1877-78. (Tract.) 8vo. *London*, 1878.
- . See DAVIDSON (Thomas), MURCHISON (*Sir Roderick Impey*), and SALTER (J. W.).
- and Jones (T. Rupert). Geology. First series. 8vo. *London*, 1870.
- and Lycett (John). A Monograph of the Mollusca from the Great Oolite, chiefly from Minchinhampton and the Coast of Yorkshire. (Palæontographical Society.) 4to. *London*, 1850-55.
- and Roberts (George E.). On the Carboniferous Limestone of Oreton and Farlow, Clee Hills, Shropshire; with a description of a new *Pterichthys* by Sir Philip Egerton. (Tract.) 8vo. *London*, 1862.
- and Sharpe (Daniel). Description of eight species of Brachiopodous Shells from the Palæozoic Rocks of the Falkland Islands. (Tract.) 8vo. 1846.
- Morris (J. H.).** Report on the Administration of the Central Provinces for the years 1867-1868. 8vo. *Nagpore*, 1868.
- Morrison (R. J.).** Magnetic Electrometer. See SERIALS, ETC.: LONDON. Electrical Society.
- Morrone (Joseph Maria).** See DU PONCEAU (Peter S.).
- Mortillet (Gabriel de).** Histoire de la Savoie avant l'homme. (Tract.) 8vo. *Annecy*, 1856.
- . Géologie et minéralogie de la Savoie. 8vo. *Chambéry*, 1858.
- . Notes géologiques sur la Savoie. (Tracts.) 8vo. *Annecy*, 1860-61.
- . Cartes des anciens glaciers du versant Italien des Alpes. (Tract.) 8vo. *Milan*, 1861.
- . Note sur le crétacé et le nummulitique des environs de Pistoja. (Tract.) 8vo. *Milan*, 1861.
- . L'homme fossile. (Tract.) 8vo. *Annecy*, 1862.
- . Terrains du versant Italien des Alpes comparés à ceux du versant Français. (Tract.) 8vo. *Paris*, 1862.

- Mortillet (Gabriel de).** Coupe géologique de la colline de Sienne. (Tract.) 8vo. *Milan*, 1863.
- . L'époque quaternaire dans la vallée du Pô. (Tract.) 8vo. *Paris*, 1865
- . Les mystifiés de l'Académie des Sciences, défi adressé à MM. Decaisne et Elie de Beaumont. (Tract.) 8vo. *Paris*, 1865.
- . Les terramares du Reggiana, passage des époques antéhistoriques aux temps historiques. (Tract.) 8vo. *Paris*, 1865.
- . Matériaux pour l'histoire positive et philosophique de l'homme. 2^e année. (Tract.) 8vo. *Paris*, 1866.
- . Trias du Chablais. (Tract.) 8vo. *Annecy*.
- . See GASTALDI (Bartolomeo).
- Morton (Charles).** See REPORTS, PARLIAMENTARY. Mines.
- Morton (George H.).** The Flora and Fauna of Geological Systems. (Tract.) 8vo. *Liverpool*, 1858.
- . On the Basement-bed of the Keuper Formation in Wirral and the South-west of Lancashire. 8vo. *Liverpool*, 1860.
- . The Geology of the country around Liverpool. 8vo. *Liverpool*, 1863.
- Morton (John).** The Natural History of Northamptonshire, with some account of the Antiquities. To which is annex'd a Transcript of Domesday-Book, so far as it relates to that County. 2 copies. Map wanting in one copy. Fol. *London*, 1712.
- Morton (Samuel George).** Reports of the Transactions of the Academy of Natural Sciences of Philadelphia during the years 1825–28. (Tracts.) 8vo. *Philadelphia*, 1827–29.
- . Essays on the Geology and Organic Remains of a part of the Atlantic Frontier of the United States. (Tract.) 8vo. *Philadelphia*, 1829.
- . Additional observations on the Geology and Organic Remains of New Jersey and Delaware. (Tract.) 8vo. *Philadelphia*, 1830.
- . Synopsis of the Organic Remains of the Ferruginous Land Formation of the United States, etc. (Tract.) 8vo. *New Haven*, 1830.
- . Synopsis of the Organic Remains of the Cretaceous group of the United States. 2 copies. 8vo. *Philadelphia*, 1834.
- . A Memoir of William Maclure, Esq., late President of the Academy of Natural Sciences of Philadelphia. (Tract.) 8vo. *Philadelphia*, 1841.
- . Description of some new Species of Organic Remains of the Cretaceous group of the United States. (Tract.) 2 copies. 8vo. *Philadelphia*, 1842.
- . Description of the Head of a Fossil Crocodile from the Cretaceous Strata of New Jersey. (Tract.) 8vo. *Philadelphia*, 1844.
- . Observations on a second series of ancient Egyptian Crania. (Tract.) 8vo. *Philadelphia*, 1844.
- . On a supposed new Species of Hippopotamus. (Tract.) 8vo. *Philadelphia*, 1844.
- . Additional observations on a new living Species of Hippopotamus of Western Africa, *Hippotamus liberiensis*. (Tract.) 4to. *Philadelphia*, 1849.

Morton (Samuel George). See **NOTT** (J. C.).

Morton (William T. G.). Memorial of the Surgeons and Physicians of the Massachusetts General Hospital at Boston, etc., in support of the claim of W. T. G. Morton to the discovery of Etherization. (Tract.) 8vo.

——. Report of the Select Committee to whom was referred the Memorial of Dr. W. T. G. Morton, asking remuneration from Congress for the discovery of the anæsthetic or pain-subduing properties of sulphuric ether. (Tract.) 8vo.

Morveau (L. B. Guyton de). See **GUYTON DE MORVEAU** (L. B.).

Mösch (Casimar). Der südliche Aargauer Jura und seine Umgebungen. 4to. *Berne*, 1874.

——. Monographie der Pholadomyen. (Schw. paläont. Gesellschaft.) 4to. *Zurich, Basle, and Geneva*, 1875.

——. See **SURVEYS: SWITZERLAND**.

Moseley (H. N.). See **CHALLENGER EXPEDITION**.

Moses (Frederick). Treatise on the Coal Field of South Wales, explanatory of a new theory of the position of the measures therein. 2nd edition. 8vo. *Swansea and London*, 1849.

Mouat (F. J.). See **INDIA**.

Mouchketoff (J.). Les richesses minérales du Turkestan russe. (Tract.) 4to. *Paris*, 1878.

Mougeot (A.). See **SCHIMPER** (W. P.).

Mourlon (Michel). Esquisse géologique sur le Maroc. (Tract.) 2 copies. 8vo. *Brussels*, 1870.

——. Sur l'étage dévonien des Psammites du Condroz en Condroz, &c. (Tract.) 8vo. *Brussels*, 1875-76.

——. Etudes stratigraphiques sur les dépôts miocènes supérieurs et pliocènes de Belgique. (Tract.) 8vo. *Brussels*, 1876.

——. Sur les dépôts dévoniens rapportés par Dumont à l'étage quartzoschisteux inférieur de son système Eifelien, etc. (Tract.) 8vo. *Brussels*, 1876.

——. Géologie de la Belgique. Tome I. 8vo. *Brussels*, 1880.

——. See **DEWALQUE** (G.), **DUMONT** (André), **NYST** (N.), and **PRESTWICH** (Joseph).

Mowry (Sylvester). Arizona and Sonora: the Geography, History, and Resources of the silver region of North America. 3rd edition. 8vo. *New York*, 1864.

Moxon (Charles). An Introduction to Mineralogy: founded on the chemical composition of mineral and metallic bodies. 8vo. *London*, 1838.

——. Illustrations of the Characteristic Fossils of British Strata, to which are added explanatory notes. 4to. *London*, 1841.

Much (M.). Das vorgeschichtliche Kupferbergwerk auf dem Mitterberg bei Bischofshofen [Salzburg]. (Tract.) 4to. *Vienna*, 1879.

Mudge (B. F.). Notes on the Tertiary and Cretaceous Periods of Kansas. (Tract.) 8vo. *Washington*, 1876.

Mudge (William). See **WILLIAMS** (Edward).

Mudie (Robert). Popular Guide to the Observation of Nature. (Tract.) 8vo. *London*, 1832.

- Müller** (Albrecht). Ueber die Kupferminen am obern¹ See im Staate Michigan, Nordamerika. (Tract.) 8vo. *Basle*, 1856.
- . Ein Fund vorgeschichtlicher Steingeräthe bei Basel. (Tract.) 4to. *Basle*, 1875.
- . See SURVEYS: SWITZERLAND.
- Müller** (Carl Hermann). See SAXONY. Beiträge zur geognostischen Kenntniss des Erzgebirges.
- Müller** (Ferdinand von). Fragmenta phytographiæ Australiæ. 3 vols. 8vo. *Melbourne*, 1858–63.
- . The Plants indigenous to the colony of Victoria. Vol. I. 4to. *Melbourne, London, etc.*, 1860–62.
- . Observations on new Vegetable Fossils of the Auriferous Drifts. (Tracts.) 4to. *Melbourne*, 1878.
- . See EXHIBITION of 1862; and SURVEYS, VICTORIA.
- Müller** (Frantz Henrich). Om provemaaden af jernholdige fossilarter. (Tract.) Sm. 4to. No date.
- Müller** (Fritz). Facts and Arguments for Darwin, with additions by the Author. Translated from the German by W. S. Dallas. 8vo. *London*, 1869.
- Müller** (Hermann) and Förster (Bernhard Rudolph). Gangstudien aus der Freiburger Revier. 8vo. *Freiberg*, 1869.
- . See SAXONY. Beiträge zur geognostischen Kenntniss des Erzgebirges.
- . See SURVEYS: SAXONY.
- Müller** (Johann). Ueber den Bau des *Pentacrinus caput-Medusæ*. 4to. *Berlin*, 1843.
- . Ueber den Bau und die Grenzen der Ganoiden, und über das natürliche System der Fische. (Tract.) 8vo. *Berlin*, 1845.
- . ———. Fol. *Berlin*, 1846.
- . Bericht über die von Herrn Koch in Alabama gesammelten fossilen Knochenreste seines *Hydrarchus*. (Tract.) 2 copies. 8vo. *Berlin*, 1847.
- . Ueber ein Echinoderm mit schuppenförmigen Tafeln und Echinidstacheln im Eifeler Kalk. (Tract.) 8vo. *Berlin*, 1856.
- . Ueber neue Crinoiden aus dem Eifeler Kalk. (Tract.) 8vo. *Berlin*, 1856.
- Müller** (John Henry). See PATON (John).
- Müller** (Joseph). Monographie der Petrefacten der Aachener Kreideformation. I. Abtheil. 4to. *Bonn*, 1847.
- . Ein neues Vererzungs-Mittel der Petrefacten. (Tract.) 8vo. *Bonn*, 1848.
- Müller** (Marcus Joseph). Einleitende Worte ... gesprochen in der öffentlichen Sitzung der k. bayerischen Akademie der Wissenschaften am 28. November 1859. 4to. *Munich*, 1859.
- Munch** (P. A.). Chronica Regum Manniæ et Insularum. (Tract.) 8vo. *Christiania*, 1860.
- . See KEILHAU (B. M.).
- Munier-Chalmas** (—). See HÉBERT (Ed.).
- Münster** (E. B.). See HELLAND (Amund).
- Münster** (Georg von). Beiträge zur Petrefactenkunde. 7 Hefte. 4to. *Bayreuth*, 1839–46.

- Münster** (Georg von). Beiträge zur Geognosie und Petrefactenkunde des südöstlichen Tirol's, von Dr. Wissmann und Graf Münster unter Mitwirkung des Dr. Braun. (Tract.) (Heft 4 of preceding work.) 4to. *Bayreuth*, 1841.
- Münzing** (Ch. F.). Beschreibung der königl. sächsischen Saline Dürrenberg. (Tract.) 8vo. *Freiberg*, 1808.
- Murchison** (Charles). See FALCONER (Hugh).
- Murchison** (Sir Roderick Impey). Obituary Notice. See HELMERSEN (G. von).—Biography. See GEIKIE (A.).
- . On the relations of the Tertiary and Secondary Rocks forming the southern flanks of the Tyrolese Alps, near Bassano. (Tract.) 2 copies. 8vo. *London*, 1829.
- . On the Bituminous Schist and Fossil Fish of Seefeld, in the Tyrol. (Tract.) 2 copies. 8vo. *London*, 1829.
- . Notes on the Secondary Formations of Germany, as compared with those of England. [Abstract.] (Tract.) 8vo. *London*, 1831.
- . An Address delivered at the Anniversary Meeting of the Geological Society of London, February 1832. (Tract.) 8vo. *London*, 1832.
- . ———. 1833. (Tract.) 8vo. *London*, 1833.
- . ———. 1842. (Tract.) 2 copies. 8vo. *London*, 1842.
- . ———. 1843. (Tract.) 2 copies. 8vo. *London*, 1843.
- . On the Sedimentary Deposits which occupy the western parts of Shropshire and Herefordshire, etc. (Tract.) 8vo. *London*, 1833.
- . On the Old Red Sandstone in the counties of Hereford, Brecknock, and Caermarthen, etc. (Tract.) 8vo. *London*, 1834.
- . Outline of the Geology of the neighbourhood of Cheltenham. (Tract.) 8vo. *Cheltenham*, 1834.
- . The Silurian System. 2 copies. 4to. *London*, 1839.
- . Sur les *roches dévoniennes*, type particulier de l'Old Red Sandstone des géologues anglais, qui se trouvent dans le Boulonnais et les pays limitrophes. (Tract.) 8vo. *Paris*, 1840.
- . Sketch of some of the results of a second Geological Survey of Russia. (Tract.) 8vo. *London*, 1841.
- . The Inaugural Address delivered at the first General Meeting of the Dudley and Midland Geological Society, January 1842. (Tract.) 8vo. *London*, 1842.
- . Outline of the Geology of the neighbourhood of Cheltenham. A new edition, by James Buckman and H. E. Strickland. 8vo. *London*, 1845.
- . A brief review of the Classification of the Sedimentary Rocks of Cornwall. (Tract.) 8vo. *Truro*, 1846.
- . Address delivered at the Southampton Meeting of the British Association for the Advancement of Science, 1846. (Tract.) 2 copies. 8vo. *London*, 1846.
- . On the Silurian and Associated Rocks in Dalecarlia, on the succession from Lower to Upper Silurian in Smoland, Öland, and Gothland, and in Scania. With a postscript. (Tract.) 2 copies. 8vo. *London*, 1846–47.
- . Additional remarks on the deposit of Ceningen in Switzerland. (Tract.) 8vo. *London*, 1847.

- Murchison** (*Sir Roderick Impey*). On the meaning originally attached to the term "Cambrian System," and on the evidences since obtained of its being geologically synonymous with the previously established term "Lower Silurian." (Tract.) 2 copies.
8vo. *London*, 1847.
- . On the development of the Permian System in Saxony, as communicated by Professor Naumann. (Tract.) 2 copies.
8vo. *London*, 1849.
- . On the geological structure of the Alps, Apennines, and Carpathians, etc. (Tract.) 2 copies.
8vo. *London*, 1849.
- . ——. [Abstract.] (Tract.)
8vo. *London*, 1849.
- . Memoria sulla struttura geologica delle Alpi, degli Apennini e dei Carpazi. Traduzione ed appendice sulla Toscana dei Cav. P. Savi e G. Meneghini.
8vo. *Florence*, 1850.
- . On the distribution of the Superficial Detritus of the Alps, as compared with that of Northern Europe. (Tract.) 2 copies.
8vo. *London*, 1850.
- . On the Earlier Volcanic Rocks of the Papal States, and the adjacent parts of Italy. (Tract.) 2 copies.
8vo. *London*, 1850.
- . On the Vents of Hot Vapour in Tuscany, and their Relations to Ancient Lines of Fracture and Eruptions. (Tract.) 2 copies.
8vo. *London*, 1850.
- . Additional Remarks on the Deposit of Ceningen in Switzerland; with a list and description of the Silurian Fossils of Ayrshire, by J. W. Salter. (Tract.)
8vo. *London*, 1851.
- . On the Distribution of the Flint Drift of the South-east of England, to the south and north of the Weald, and over the surface of the South Downs. (Tract.) 2 copies.
8vo. *London*, 1851.
- . On the former Changes of the Alps. (Tracts.)
8vo. *London*, 1851.
- . On the Origin of the Mineral Springs of Vichy. (Tract.)
8vo. *London*, 1851.
- . On the Slaty Rocks of the Sichon; and on the origin of the Mineral Springs of Vichy. (Tract.) 2 copies.
8vo. *London*, 1851.
- . Ueber die älteren vulkanischen Gebilde im Kirchenstaate und über die Spalten, welchen in Toscana heisse Dämpfe entsteigen, etc., deutsch von G. Leonhard. (Tract.)
8vo. *Stuttgart*, 1851.
- . On the Anticipation of the Discovery of Gold in Australia; with a general view of the conditions under which that metal is distributed. (Tract.)
8vo. *London*, 1852.
- . ——. Abstract. (Tract.)
8vo. *London*, 1852.
- . On the meaning of the term "Silurian System," as adopted by Geologists in various countries during the last ten years. (Tract.)
8vo. *London*, 1852.
- . On the Silurian Rocks of the South of Scotland; with a list and description of the Silurian Fossils of Ayrshire, by J. W. Salter. (Tract.)
8vo. *London*, 1852.
- . On some of the Remains in the Bone-bed of the Upper Ludlow Rock. (Tract.)
8vo. *London*, 1853.

- Murchison** (*Sir Roderick Impey*). *Siluria: the history of the oldest known rocks containing organic remains, with a brief sketch of the distribution of gold over the earth.* 2 copies. 8vo. *London*, 1854.
- . 3rd edition. 8vo. *London*, 1859.
- . 4th edition. 8vo. *London*, 1867.
- . On the occurrence of numerous fragments of Fir-wood in the islands of the Arctic Archipelago; with Remarks on the Rock-specimens brought from that region. (Tract.) 8vo. *London*, 1855.
- . On the Palæozoic and their associated rocks of the Thüringerwald and the Hartz. (Tract.) 8vo. *London*, 1855.
- . On the relations of the Crystalline Rocks of the North Highlands to the Old Red Sandstone of that region, and on the recent discoveries of fossils in the former by Mr. Charles Peach. (Tract.) 3 copies. 8vo. *London*, 1855.
- . On the Discovery, by Mr. Robert Slimon, of Fossils in the Uppermost Silurian Rocks near Lesmahago, in Scotland, etc. With notes on some new Crustacea, by J. W. Salter; and on the structure and affinities of *Himantopterus*, by T. H. Huxley. (Tract.) 8vo. *London*, 1856.
- . *Geology of Scotland.* (Tract.) 4to. *London*, 1858.
- . On the Succession of the Older Rocks in the Northernmost Counties of Scotland; and on the sandstones of Morayshire containing reptilian remains, and the probability of their belonging to the uppermost division of the Old Red Sandstone. (Tract.) 2 copies. 8vo. *London*, 1859.
- . Nouvelle classification des anciennes roches du nord de l'Ecosse. (Tract.) 8vo. *Paris*, 1860.
- . Supplemental Observations on the Order of the ancient stratified Rocks of the North of Scotland, and their associated eruptive rocks. (Tract.) 2 copies. 8vo. *London*, 1860.
- . Address to the Geological Section of the British Association, Manchester, 1861. (Tract.) 8vo. *London*, 1861.
- . On the inapplicability of the new term "Dyas" to the "Permian" group of rocks, as proposed by Dr. Geinitz. (Tract.) 8vo. *London*, 1861.
- . Address to the Royal Geographical Society of London, delivered at the Anniversary Meeting, 1844. 8vo. *London*, 1844.
- . 1852. (Tract.) 2 copies. 8vo. *London*, 1852.
- . 1853. (Tract.) 2 copies. 8vo. *London*, 1853.
- . 1863. (Tract.) 2 copies. 8vo. *London*, 1863.
- . 1864. (Tract.) 2 copies. 8vo. *London*, 1864.
- . 1865. (Tract.) 8vo. *London*, 1865.
- . 1866. (Tract.) 8vo. *London*, 1866.
- . 1867. (Tract.) 8vo. *London*, 1867.
- . 1868. (Tract.) 8vo. *London*, 1868.
- . 1869. (Tract.) 8vo. *London*, 1869.
- . 1870. (Tract.) 8vo. *London*, 1870.
- . 1871. (Tract.) 8vo. *London*, 1871.
- . On the Relative Powers of Glaciers and Floating Icebergs in modifying the surface of the Earth. (Tract.) 8vo. *London*, 1864.

- Murchison** (*Sir Roderick Impey*). Address to the Geological Section of the British Association, Birmingham, 1865. (Tract.)
8vo. *London*, 1865.
- . See **LYELL** (*Sir Charles*), **SEDGWICK** (*Adam*), and **REPORTS, COLONIAL**. New South Wales.
- and **GEIKIE** (*Archibald*). First Sketch of a new Geological Map of Scotland, with explanatory notes.
8vo. *Edinburgh and London*, 1861.
- and **Strickland** (*H. E.*). On the Upper Formations of the New Red Sandstone System in Gloucestershire, Worcestershire, and Warwickshire, showing that the red or saliferous marls, including a peculiar zone of sandstone, represent the “Keuper” or “*Marnes irisées*,” etc. (Tract.)
4to. *London*, 1840.
- and **Verneuil** (*E. de*). On the Geological Structure of the Northern and Central Regions of Russia in Europe. (Tract.)
8vo. *London*, 1841.
- , ——, and **Keyserling** (*A. von*). On the Geological Structure of the central and southern regions of Russia in Europe, and of the Ural Mountains. (Tracts.)
8vo. *London*, 1842.
- , ——, ——. The Geology of Russia in Europe and the Ural Mountains.
4to. *London and Paris*, 1845.
- Murr** (*Christoph Gottlieb von*). See **TORRUBIA** (*Joseph*).
- Murray** (*A.*). A comparative scale of Creation, according to Mosaic Records and Geological Facts. (Tract.)
8vo. *Truro*, 1861.
- Murray** (*Alexander*). The economic value of a Geological Survey. (Tract.)
8vo. *Montreal*, 1869.
- . Letter addressed to his Excellency Colonel Hill, C.B., Governor of Newfoundland, &c., &c., &c. (Tract.) 8vo. *St. John's, N. F.*, 1873.
- . See **SURVEYS: NEWFOUNDLAND**.
- Murray** (*Andrew*). The Geographical Distribution of Mammals.
4to. *London*, 1866.
- . See **HISLOP** (*Stephen*) and **SERIALS**, etc., **LONDON**, Journal of Travel and Natural History.
- Murray** (*John*). A comparative view of the Huttonian and Neptunian Systems of Geology; in answer to the Illustrations of the Huttonian Theory of the Earth, by Professor Playfair. 8vo. *Edinburgh*, 1802.
- . Explication . . . sur la théorie de la terre par Hutton, et examen comparatif des systèmes géologiques fondés sur le feu et sur l'eau, par M. Murray; en réponse à l'explication de Playfair. Traduits de l'anglais, et accompagnés de notes et de planches, par C. A. Basset.
8vo. *Paris*, 1815.
- Murray** (*John*). Remarks on the Cultivation of the Silk Worm, with additional observations, made in Italy, during the summer of 1825. (Tract.)
8vo. *Glasgow*, 1825.
- Murray** (*John*). An Account of the Progressive improvement of Sunderland Harbour and the River Wear. (Tract.) 8vo. *London*, 1849.
- Murray** (*John*). See **CHALLENGER EXPEDITION**.

Museums, Catalogues and Descriptions of the contents of.

BRITISH MUSEUM. See BRITISH MUSEUM.

BRUSSELS. Musée Royal d'Histoire Naturelle de Belgique, Annales. Tom. I. etc. See SERIALS, ETC.: BRUSSELS.

BUENOS AYRES. See SERIALS, ETC.: BUENOS AYRES.

CALCUTTA MUSEUM. See SURVEYS: INDIA.

CAMBRIDGE PHILOSOPHICAL SOCIETY. Catalogue of the collection of British Quadrupeds and Birds in the Museum etc. (Tract.)

8vo. *Cambridge*, 1836.

CAMBRIDGE WOODWARDIAN MUSEUM. See SALTER (J. W.), SEDGWICK (A.), MCCOY (F.), and SEELEY (H. G.).

DUBLIN. Museum of Irish Industry. Inventory Catalogue of Irish, British, and Foreign Rocks. 8vo. *Dublin*, 1862.

——. ROYAL IRISH ACADEMY. Catalogue of the Antiquities of Stone, Earthen, and Vegetable Material in the Museum. By W. R. Wilde. 8vo. *Dublin*, 1857.

——. TRINITY COLLEGE. A descriptive Catalogue of the Minerals in the Systematic Collection of the Museum. 8vo. *Dublin*, 1818.

——. ———. Catalogue of the Minerals in the Museum. Part I. Systematic Collection. 8vo. *Dublin*, 1807.

See also STOKES, W.

EAST-INDIA COMPANY. Catalogue of the Mammalia in the Museum.

8vo. *London*, 1851.

——. A Catalogue of the Birds in the Museum. By T. Horsfield and F. Moore. Vols. I.-II. 8vo. *London*, 1856-58.

——. A Catalogue of the Lepidopterous Insects in the Museum, by Thomas Horsfield and F. Moore. Vol. I. 8vo. *London*, 1857.

HAARLEM. MUSÉE TEYLER. Catalogue systématique de la collection paléontologique, par T. C. Winckler. (With 2 supplements.)

8vo. *Haarlem*, 1863.

And see WINCKLER (T. C.).

HARVARD COLLEGE. Illustrated Catalogue of the Museum of Comparative Zoology at Harvard. No. I. Ophiuridæ and Astrophytidæ. By Theodore Lyman. 8vo. *Cambridge*, 1865.

——. Museum of Comparative Zoology. Annual Reports of the Trustees, 1861-63, 1865-68, 1873, etc.

8vo. *Boston, Mass.*, 1862 etc.

——. Bulletin, vol. i.; vol. ii. No. 2-5; vol. iii. No. 1, 3-16, and vol. iv. etc. 8vo. *Cambridge, Mass.*, 1860 etc.

——. Memoirs. Vols. i. etc. 4to. *Boston and Cambridge*, 1864 etc.

LEYDEN. Muséum d'Histoire Naturelle des Pays-Bas. Revue méthodique et critique des collections déposées dans cet établissement. Livr. 8. Anseres, par H. Schlegel. 8vo. *Leyden*, 1866.

LONDON. KING'S COLLEGE. A descriptive Catalogue of the Minerals in the Museum, by W. H. Bristow. (Tract.) 8vo. *London*, 1842.

——. MUSEUM OF PRACTICAL GEOLOGY, ETC. See SURVEYS: ENGLAND AND WALES and GREAT BRITAIN.

——. QUEKETT MICROSCOPICAL CLUB. Cabinet of Microscopical preparations in the Cabinet of the Quekett Club. 8vo. *London*, 1872.

——. ROYAL COLLEGE OF SURGEONS. Catalogue of the Hunterian Collection in the Museum. 5 parts. 4to. *London*, 1830-31.

Museums. Catalogues and Descriptions of the contents of.

- LONDON.** **ROYAL COLLEGE OF SURGEONS.** Catalogue of the Specimens illustrating the Osteology and Dentition of Vertebrated Animals, recent and extinct, contained in the Museum. By W. H. Flower. Part I. Man : *Homo sapiens*. Linn. 8vo. London, 1879.
- . Descriptive and illustrated Catalogue of the Physiological Series of Comparative Anatomy. 6 vols. 4to. London, 1833–40.
- . Descriptive and illustrated Catalogue of the Calculi and other Animal Concretions. 4to. London, 1842–45.
- . Descriptive and illustrated Catalogue of the fossil organic remains of Mammalia and Aves. 4to. London, 1845.
- . Descriptive and illustrated Catalogue of the Histological Series. 2 vols. 4to. London, 1850–55.
- . Descriptive Catalogue of the fossil organic remains of Reptilia and Pisces. 4to. London, 1854.
- . Descriptive Catalogue of the fossil organic remains of Plants. 4to. London, 1855.
- . Descriptive Catalogue of the fossil organic remains of Invertebrata. 4to. London, 1856.
- . Catalogue of the Contents of the Museum. 4to. London, 1860.
- . **ROYAL INSTITUTION.** Catalogue of the Geological Collection. See **BRANDE** (W. T.).
- MELBOURNE.** Descriptive Catalogue of the mining, metallurgical, geological, and agricultural museums in the National Museum, Melbourne. 4to. Melbourne.
- NAGPUR Museum.** Catalogue for 1876. 8vo. Nagpur, 1876.
- NEWPORT, ISLE-OF-WIGHT INSTITUTION.** Catalogue of the Museum. 8vo. Newport, 1848.
- NEW-YORK STATE CABINET OF NATURAL HISTORY.** Annual Reports . . . by the Regents of the University of the State of New York. Nos. 8 and 12 etc. 8vo. Albany, 1855 etc.
- NEW ZEALAND.** See **SURVEYS: NEW ZEALAND.**
See also **LEE** (J. E.).
- PARIS.** **Muséum d'Histoire Naturelle.** Catalogue de la collection entomologique. Tome I. Classe des Insectes. Ordre des Coléoptères. 8vo. Paris, 1850.
- . Catalogue méthodique de la collection des Mammifères, de la collection des Oiseaux et des collections annexes. Première partie. Mammifères, par J. Geoffroy Saint-Hilaire, F. Prévost et Pucheran. 8vo. Paris, 1851.
- . Catalogue méthodique de la collection des Reptiles, par C. et A. Duméril. 8vo. Paris, 1851.
- ROME.** **COLLEGIO NAZARENO.** Gabinetto mineralogico . . . descritto secondo i caratteri esterni e distribuito a norma de' principj costitutivi (G. Calandrelli). 2 vols. 8vo. Rome, 1791–92.
- ST. PETERSBURG.** New systematic description of the Collection of Minerals belonging to the Economical Museum at St. Petersburg. By B. M. Severzin and C. Etter. 8vo. St. Petersburg, 1851.
- UNITED SERVICE MUSEUM.** Catalogue of the Minerals. (Tract.) 8vo. London, 1837.

Museums. Catalogues and Descriptions of the contents of.

- UNITED SERVICE MUSEUM.** Sixth Annual Report of the Council, 1837.
(Tract.) 8vo. *London*, 1837.
- WOOLWICH. ROYAL ARTILLERY INSTITUTION.** Catalogue of Fossils in the Museum, 1864. (Tract.) 8vo. *Woolwich*, 1864.
- Mushet (David).** Papers on Iron and Steel ; practical and experimental. 8vo. *London*, 1840.
- Mylius (G. F.).** Memorabilia Saxoniae subterraneæ ; i. e. des unterirdischen Sachsens seltsame Wunder der Natur. 4to. *Frankfort*, 1720.
- Mylne (Robert W.).** On the Supply of Water from Artesian Wells in the London Basin, etc. (Tract.) 4to. *London*, 1840.
- . Sections of the London Strata : to which is prefixed a block plan of the metropolis and its suburbs. 4to. *London*, 1850.

N.

- N * * * (N.).** Esame analitico dell' opera intitolata *Institutions Géologiques* par Scipion Breislak. (Tract.) 8vo. *Milan*, 1818–19.
- Naceyro (Francisco de los Rios).** See **DE LOS RIOS NACEYRO (Francisco).**
- Nägeli (Carl).** On Vegetable Cells. Translated by A. Henfrey. (Ray Society.) 8vo. *London*, 1846.
- . On Vegetable Cells. (Ray Society.) 8vo. *London*, 1849.
- . On the Utricular Structure in the contents of Cells. (Ray Society.) 8vo. *London*, 1849.
- . Entstehung und Begriff der naturhistorischen Art. (Tract.) 8vo. *Munich*, 1865.
- Nairne (Edward).** See **BLAGDEN (Charles).**
- Namur (A.).** Tables de Logarithmes à 12 décimales jusqu'à 434 milliards, . . . précédées d'une introduction théoretique et d'une notice sur l'usage des tables, par P. Mansion. (Tract.) 8vo. *Brussels*, 1877.
- Namur and Liège Railway,** with Extensions. Report of the Directors to the Shareholders, with report of Mr. Rennie. (Tract.) 8vo. *London*, 1846.
- Napier (Charles Ottley Groom).** The Food, Use, and Beauty of British Birds. 8vo. *London*, 1865.
- . On the Lower Lias Beds occurring at Cotham, Bedminster, and Keynsham, near Bristol. (Tract.) 8vo. *London*, 1869.
- Napier (Hon. William).** Report and papers of suggestions on the proposed gathering grounds for the Supply of the Metropolis from the soft-water springs of the Surrey sands ; addressed to the General Board of Health. (Tract.) 8vo. *London*, 1851.
- Napoléon (Prince).** See **BONAPARTE (Prince Napoléon).**
- Nardi (Francesco).** Sulle bottiglie galleggianti come mezzo di esplorare le correnti marittime. (Tract.) 4to. *Rome*, 1866.
- . Sullo stato presente dei lavori pel taglio dell' istmo di Suez. (Tract.) 8vo. *Rome*, 1867.
- Nardo (Giovanni Domenico).** Di una raccolta centrale dei prodotti naturali ed industriali delle venete provincie. (Tract.) 8vo. *Venice*, 1838.

- Nardo** (Giovanni Domenico). Elenco degli scritti riguardanti le scienze naturali, la medicina, la tecnologia ec., pubblicati dall' anno 1821 al 1838. (Tract.) 8vo. *Venice*, 1838.
- . Biografia scientifica del fù Stefano A. Renier, Clodiense. (Tract.) 2 copies. 8vo. *Venice*, 1847.
- . Sunto di alcune osservazioni anatomiche sull' intima struttura della cute de' pesci comparativamente considerata, e sulle cause fisiologiche e fisico-chimiche della loro colorazione e decolorazione. (Tract.) 4to. *Venice*, 1853.
- . Sul potere aggregatore del ferro e sulla formazione del così detto caranto nell' adriatico bacino. (Tract.) 4to. *Venice*, 1855.
- Nares** (Sir George S.). Arctic Expedition. Report of Proceedings. (Tract.) 4to. *London*, 1876.
- Nash** (Edwin). A Lecture on Pre-Adamite London. 8vo. *London*, 1879.
- Nasmyth** (Alexander). Report on a paper on the cellular Structure of the Ivory, Enamel, and Pulp of the Teeth, etc. 8vo. *London*, 1839.
- . Researches on the Development of the Teeth. 8vo. *London*, 1839.
- Nathorst** (A. G.). Beiträge zur fossilen Flora Schwedens. 4to. *Stuttgart*, 1878.
- . See SURVEYS: SWEDEN.
- Naumann** (Carl Friedrich). De granite juxta calcem transitoriam posito. (Tract.) 4to. *Jena*, 1823.
- . Beyträge zur Kenntniss Norwegens. 2 vols. 8vo. *Leipzig*, 1824.
- . Erläuterungen zu der geognostischen Charte des Königreichs Sachsen und der angränzen den Länderabtheilungen. 8vo. *Dresden and Leipzig*, 1836.
- . Anfangsgründe der Krystallographie. 8vo. *Dresden and Leipzig*, 1841.
- . Lehrbuch der Geognosie. Band I. 8vo. *Leipzig*, 1849.
- . ———. 2nd edition. 3 vols. (2 copies of Vol. III.) 8vo. *Leipzig*, 1858–72.
- . Elemente der Mineralogie. 2^{te} Auflage. 8vo. *Leipzig*, 1850.
- . ———. 8^{te} Auflage. 2 copies. 8vo. *Leipzig*, 1871.
- . ———, zehnte, gänzlich neubearbeitete Auflage von Ferdinand Zirkel. 8vo. *Leipzig*, 1877.
- . Ueber die Fortschritte der Geognosie im Gebiete der Sedimentärformationen seit Werner's Tode. (Tract.) 8vo. *Freiburg*, 1851.
- . Ueber den Granit des Kreuzberges bei Carlsbad. (Tract.) 8vo. *Stuttgart*, 1866.
- . Vorläufige Notiz zu der geognostischen Karte des erzgebirgischen Bassins. (Tract.) 8vo. *Leipzig*, 1866.
- . Erläuterungen zu der geognostischen Karte der Umgegend von Hainichen im Königreiche Sachsen. 8vo. *Leipzig*, 1871.
- . Ueber die Hohburger Porphyrberge in Sachsen. (Tract.) 8vo. *Stuttgart*, 1874.
- . See KEILHAU (B. M.) and MURCHISON (Sir Roderick Impey).
- Naumann** (Edmund). Die Vulcaninsel Ooshima und ihre jüngste Eruption. (Tract.) 8vo. *Berlin*, 1877.
- Necker** (Louis Albert). Obituary Notice. See SAUSSURE (H. de).
- . Mémoire sur la vallée de Valorsine. (Tract.) 4to. *Geneva*, 1828.
- . Mémoire sur le mont Somma. (Tract.) 4to. *Geneva*, 1828.

- Necker** (Louis Albert). Note sur un échantillon remarquable de la substance nommée par Haiüy cuivre hydro-siliceux et par Léonhard Kiesel-Malachit. (Tract.) 4to. *Geneva*, 1828.
- . Notice sur l'hyperstène et la siénite hypersténique de la Valteline. (Tract.) 8vo. *Geneva*, 1829.
- . Sur quelques rapports entre la direction générale de la stratification et celle des lignes d'égale intensité magnétique dans l'hémisphère boréal. (Tract.) 8vo. *Geneva*, 1830.
- . Note sur la gismondine de Carpi, et sur un nouveau minéral des environs de Rome. (Tract.) 8vo. *Geneva*, 1831.
- . On Mineralogy considered as a branch of Natural History, etc. (Tract.) 8vo. *Edinburgh*, 1832.
- . Le Règne Animal, ramené aux méthodes de l'histoire naturelle. 2 vols. 8vo. *Paris*, 1835.
- . Etudes géologiques dans les Alpes. Tom. I. 8vo. *Paris*, 1841.
- . On a probable Cause of certain Earthquakes. (Tract.) 8vo. *London*, 1856.
- Needham** (John Turbervil). Extract of a Letter from *Paris* concerning some new Electrical Experiments made lately there. (Tract.) 4to. *London*, 1746.
- Nees von Esenbeck** (Christ. Gottfr.). Catalogus bibliothecæ.—Breslauer Bücher-Auction. (Tract.) 8vo. *Breslau*, 1852.
- Nehring** (Alfred). Fossile Lemminge und Arvicolen aus dem Diluvial-lehm von Thiede bei Wolfenbüttel. (Tract.) 8vo. *Leipzig*, 1875.
- . Beiträge zur Kenntniss der Diluvialfauna. (Tract.) 8vo. *Leipzig*, 1876.
- . Die geologischen Anschauungen des Philosophen Seneca. (Tract.) 4to. *Wolfenbüttel*, 1876.
- . Die quaternären Faunen von Thiede und Westeregeln nebst Spuren des vorgeschichtlichen Menschen. (Tract.) 4to. *Brunswick*, 1878.
- . On the Quaternary Deposits at Westeregeln and Thiede, near Brunswick; in illustration of the Subaërial Origin of Loess. (Tract.) 8vo. *London*, 1879.
- Neill** (Patrick). Proofs that the Beaver was formerly a native of Scotland, including an account of some Fossil Remains of that Animal found in Perthshire and Berwickshire. (Tract.) 8vo. *Edinburgh*, 1819.
- . See AUBUISSON (J. F. d').
- Neilreich** (August). Nachträge zur Flora von Nieder-Oesterreich. [Beilage von der k.-k. zool.-botan. Gesellschaft in Wien.] 8vo. *Vienna*, 1866.
- . Diagnosen der in Ungarn und Slavonien bisher beobachteten Gefässpflanzen, welche in Koch's Synopsis nicht enthalten sind. [Beilage von der k.-k. zool.-botan. Gesellschaft in Wien.] 8vo. *Vienna*, 1867.
- . Die Vegetationsverhältnisse von Croatien. [Beilage von der k.-k. zool.-botan. Gesellschaft in Wien.] 8vo. *Vienna*, 1868.
- Neilson** (William). An Introduction to the Irish Language. 8vo. *Dublin*, 1808.

- Nelson** (Edward T.). On the Molluscan Fauna of the later Tertiary of Peru. (Tract.) 8vo. *New Haven*, 1870.
- Nelson** (Richard J.). Geological Survey of the Island of Jersey. (Tract.) 8vo. *London*, 1829.
- and **Duncan** (Peter Martin). On some points in the Histology of certain Species of Corallinaceæ. (Tract.) 4to. *London*, 1876.
- Nendtwich** (Károly). Chemisch-technische Untersuchung der vorzüglicheren Steinkohlen-Lager Ungarns. (Tract.) 8vo. *Vienna*, 1851.
- . A temesi bányáság földje gazdasági és műipari tekintetben. (Tract.) 4to. *Pesth*, 1863.
- Nesbit** (J. C.). The History and Properties of the different varieties of natural Guanos. (Tract.) 8vo. *London*, 1860.
- Nesti** (Filippo). Descrizione osteologica dell' Ippopotamo maggiore fossile dei terreni mobili del val d'Arno superiore in Toscana. (Tract.) 4to. *Modena*, 1820.
- Netto** (Ladisláu). Investigações historicas e scientificas sobre o Museo imperial e nacional de Rio de Janeiro. 8vo. *Rio de Janeiro*, 1870.
- . Apontamentos relativos á botanica applicada no Brazil. (Tract.) 8vo. *Rio de Janeiro*, 1871.
- Neumayer** (George). See EXHIBITION OF 1862, and MELBOURNE, Meteorological Observatory.
- Neumayr** (M.). Ueber unvermittelt auftretende Cephalopodentypen im Jura Mittel-Europa's. (Tract.) 8vo. *Vienna*, 1878.
- . Zur Kenntniss der Fauna des untersten Lias in den Nordalpen. (Tract.) 4to. *Vienna*, 1879.
- Nevill** (G.) and **Nevill** (H.). Descriptions of new Mollusca from the Eastern Regions. (Tract.) 8vo. *Calcutta*, 1871.
- Nevin** (N.). Letter [to the Royal Dublin Society on their Botanic Garden]. (Tract.) 8vo. *Dublin*, 1835.
- Newberry** (J. S.). Description of several new genera and species of Fossil Fishes from the Carboniferous strata of Ohio. (Tract.) 2 copies. 8vo. *Philadelphia*, 1856.
- . Fossil Fishes from the Devonian Rocks of Ohio. (Tract.) 8vo. *New Haven*, 1857.
- . The Rock Oils of Ohio. (Tract.) 8vo. *Columbus*, 1859.
- . Description of Fossil Plants from the Chinese Coal-bearing Rocks. (Tract.) 4to. *Philadelphia*, 1866.
- . Modern Scientific Investigation : its Methods and Tendencies. An Address delivered before the American Association . . . 1867. (Tract.) 2 copies. 8vo. *Salem, Mass.*, 1867.
- . Notes on the Later Extinct Floras of North America, with descriptions of some New Species of Fossil Plants from the Cretaceous and Tertiary Strata. (Tract.) 8vo. *New York*, 1868.
- . The Surface Geology of the Basin of the Great Lakes and the Valley of the Mississippi. (Tract.) 2 copies. 8vo. *New York*, 1869.
- . The Geological Survey of Ohio, its Progress in 1869. Report of an Address delivered to the Legislature of Ohio, 1870. (Tract.) 8vo. *Columbus*, 1870.
- . Circles of Deposition in American Sedimentary Rocks. (Tract.) 8vo. *Salem, Mass.*, 1874.

- Newberry (J. S.).** On the Lignites and Plant-beds of Western America. (Tract.) 2 copies. 8vo. *New Haven*, 1874.
- . The Surface Geology of Ohio. 8vo. *Columbus*, 1874.
- . The Structure and Relations of *Dinichthys*, with descriptions of some other new Fossil Fishes. 8vo. *Columbus*, 1875.
- . The Causes of the Cold of the Ice Period. (Tract.) 8vo. *New York*, 1876.
- . Descriptions of some new Fossil Fishes from the Trias. (Tract.) 8vo. *New York*, 1878.
- . Descriptions of new Palæozoic Fishes. (Tract.) 8vo. *New York*, 1878.
- . The Geological History of New-York Island and Harbor. (Tract.) 8vo. *New York*, 1878.
- . The Geological Survey of the Fortieth Parallel. (Tract.) 8vo. *New York*, 1879.
- . The Origin and Classification of Ore Deposits. 8vo. *New York*, 1880.
- . See SURVEYS: OHIO and UNITED STATES.
- Newbold (T. J.).** Notes, principally Geological, on the Tract between Bellary and Bijapore. (Tracts.) 8vo. *Calcutta*, 1842.
- . Mineral Resources of Southern India. (Tract.) 8vo. *Calcutta*, 1843.
- . On some Ancient Mounds of Scorious Ashes in Southern India. (Tract.) 8vo. *Calcutta*, 1843.
- . On the Processes prevailing among the Hindus, and formerly among the Egyptians, of quarrying and polishing Granite, etc. (Tract.) 8vo. *Calcutta*, 1843.
- . Visit from Wadi Tor to Gebel Rakus, جبل نادوس, or the Mountain of the Bell, Peninsula of Mount Sinai. (Tract.) 8vo. *Calcutta*, 1843.
- . Summary of the Geology of Southern India. (Tract.) 8vo. *Calcutta*, 1846?
- New College (London).** Introductory Lectures. 8vo. *London*, 1851.
- Newfoundland.** Table showing the Mean Temperature, as also the Mean Height of the Barometer, in each Month in the 3½ years ending 30th June, 1837, etc. (Tract.) Fol. *St. John's*, 1837.
- Newman (Edward).** A Paper on the Nomenclature of the parts of the Head of Insects. 8vo. *London*, 1834.
- . History of British Ferns. 8vo. *London*, 1840.
- Newmarch (C. H.).** See BUCKMAN (James).
- Newport (George).** See BRITISH MUSEUM.
- New South Wales.** Coal Fields. Reports from Examiner for 1869 and 1872–1874; some in duplicate. (Tracts.) 4to. *Sydney*, 1873–74.
- . Regulations for the Management of the Gold Field. (Tract.) 8vo. *Sydney*, 1852.
- . Its Agricultural, Pastoral, and Mining capabilities. (Tract.) 8vo. *London*, 1862.
- . Tin-bearing Country, District of Inverell. Report by T. C. Wilkinson, enclosing Rev. W. B. Clarke's Report on Geological Surveys, 7 May, 1853. (Tract.) 4to. *Sydney*, 1873.

- New South Wales.** Mineral Map and General Statistics of New South Wales, Australia. (Tract.) 2 copies. 8vo. *Sydney*, 1876.
- . Its Progress and Resources. (Tract.) 8vo. *Sydney*, 1876.
- . Results of Meteorological Observations . . . during 1873, under the direction of H. C. Russell. (Tract.) 8vo. *Sydney*, 1875.
- . See EXHIBITION OF 1862.
- Newton (E. T.).** The Chimæroid Fishes of the British Cretaceous Rocks. [Memoirs of the Geological Survey of the United Kingdom : Monograph IV.] 4to. *London*, 1878.
- Newton (Henry).** See SURVEYS: OHIO.
- Newton (T. W.).** See SURVEYS: GREAT BRITAIN. Museum of Practical Geology.
- New York.** A Gazetteer of the State of New York, comprising its Topography, Geology, Mineralogical Resources, etc. Imperfect. (Tract.) 8vo. *Albany*, 1842.
- . Board of Agriculture. Memoirs, Vols. I. and III. 8vo. *Albany*, 1823–26.
- . Documents relative to the Colonial History of the State of New York : procured in Holland, England, and France, by John Romeyn Brodhead. Edited by E. B. O'Callaghan. Vols. I., III.–VII., and IX. 4to. *Albany*, 1855–56.
- . Natural History of New York :—
- Agriculture. By Ebenezer Emmons. 5 vols. 4to. *Albany*, 1846.
- Botany. By J. Torrey. 2 vols. 4to. *Albany*, 1843.
- Geology. By E. Emmons, J. Hall, W. W. Mather, and L. Vanuxem. 4 vols. (Hall's volume in duplicate). 4to. *Albany*, 1842–43.
- Mineralogy. By Lewis C. Beck. 4to. *Albany*, 1842.
- Palæontology. By J. Hall. Vols. I.–IV. & V. Pt. 2. 7 vols. 4to. *Albany*, 1847–79.
- . ———. Vols. I.–IV. 5 vols. 4to. *Albany*, 1847–67.
- Zoology. By J. E. De Kay. 5 vols. 4to. *Albany*, 1842–43.
- Nibby (Antonio).** Saggio di osservazioni critiche, geografiche, antiquarie sopra Pausania. (Tract.) 8vo. *Rome*, 1817.
- . Del Foro Romano, della Via Sacra, dell' Anfiteatro Flavio e de' luoghi adiacenti. 8vo. *Rome*, 1819.
- Niccolini (Antonio).** Tavola metrica-cronologica delle varie altezze tracciate dalla superficie del mare fra la costa di Amalfi ed il promontorio di Gaeta nel corso di diciannove secoli. (Tract.) 4to. *Naples*, 1838.
- Nicholson (Sir Charles).** The Australian Colonies ; their condition, resources, and prospects. (Tract.) 2 copies. 8vo. *London*, 1863.
- Nicholson (Henry Alleyne).** An essay on the Geology of Cumberland and Westmoreland. 2 copies. 8vo. *London* and *Manchester*, 1868.
- . Monograph of the British Graptolitidæ. Part I. (Tract.) 8vo. *Edinburgh* and *London*, 1872.
- . Reports upon the Palæontology of the Province of Ontario. 2 copies. 8vo. *Toronto*, 1874.
- . The Ancient Life-History of the Earth. 8vo. *Edinburgh* and *London*, 1877.

- Nicholson** (Henry Alleyne). A Manual of Zoology for the use of Students. 5th edition. 8vo. *Edinburgh and London*, 1878.
- . A Manual of Palæontology for the use of Students. 8vo. *Edinburgh and London*, 1872.
- . ———. 2nd edition. 2 vols. 8vo. *London and Edinburgh*, 1879.
- . On the Structure and Affinities of the "Tabulate Corals" of the Palæozoic Period, with critical descriptions of illustrative species. 8vo. *Edinburgh and London*, 1879.
- and **Etheridge** (Robert, jun.). A Monograph of the Silurian Fossils of the Girvan District in Ayrshire, with special reference to those contained in the "Gray Collection." Fasc. 1, 2 (Fasc. 1 in duplicate). 8vo. *Edinburgh and London*, 1878–80.
- Nicholson** (William). See SERIALS, ETC.: LONDON. Journal of Natural Philosophy, etc.
- Nicol** (James). On the Geology of Peeblesshire. 8vo. *Edinburgh*, 1843.
- . Guide to the Geology of Scotland. 8vo. *Edinburgh*, 1844.
- . On the Geology of Roxburghshire. 8vo. *Edinburgh*, 1847.
- . On the Geology of the Silurian Rocks in the Valley of the Tweed. (Tract.) 8vo. *London*, 1848.
- . Manual of Mineralogy: or the Natural History of the Mineral Kingdom. 8vo. *Edinburgh and London*, 1849.
- . On the Study of Natural History as a branch of General Education: an inaugural Lecture at Marischal College. (Tract.) 2 copies. 8vo. *Edinburgh*, 1853.
- . Notice of the Silurian System of Central Bohemia, by Joachim Barrande. (Tract.) 8vo. *Edinburgh*, 1854.
- . Elements of Mineralogy; containing a general introduction to the science, with descriptions of the species. 8vo. *Edinburgh*, 1858.
- . On the Geological Structure of the Vicinity of Aberdeen and the North-east of Scotland. (Tract.) 8vo. *London*, 1859.
- . On the Relations of the Gneiss, Red Sandstone, and Quartzite in the North-west Highlands. (Tract.) 8vo. *London*, 1859.
- . On the Structure of the North-western Highlands, and the relations of the Gneiss, Red Sandstone, and Quartzite of Sutherland and Ross-shire. (Tract.) 8vo. *London*, 1861.
- . The Geology and Scenery of the North of Scotland. 8vo. *Edinburgh*, 1866.
- Nicolet** (A. C.). Essai sur la constitution géologique de la vallée de la Chaux-de-Fonds. (Tract.) 4to. *Neuchatel*, 1839.
- Nies** (Friedrich). Beiträge zur Kenntniss des Keupers im Steigerwald. 8vo. *Würzburg*, 1868.
- Nigri** (Gaetano) and **Spreafico** (Emilio). Saggio sulla geologia dei dintorni di Varese e di Lugano. (Tract.) 4to. *Milan*, 1869.
- Nilsson** (S.). Petrificata Suecana formationis Cretaceæ descripta et iconibus illustrata. Fol. *Lund*, 1827.
- Nimmo** (Alexander). On the application of the Science of Geology to the purposes of Practical Navigation. (Tract.) 2 copies. 8vo. *Dublin*, 1825.

- Nisser** (Pedro). On the Geological Distribution of Gold, with special reference to some Auriferous Rocks in South America. (Tract.) 8vo. *Melbourne*, 1859.
- . On the Elementary Substances originating and promoting civilization throughout the world. 8vo. *Melbourne*, 1860.
- Nitzsch** (C. L.). Pterylography. Translated from the German. Edited by P. L. Sclater. (Ray Society.) 4to. *London*, 1867.
- Noble** (Daniel). The Brain and its Physiology: a critical disquisition on the methods of determining the relations subsisting between the structure and functions of the Encephalon. 8vo. *London*, 1846.
- Nodot** (L.). Description d'un nouveau genre d'Edenté fossile renfermant plusieurs espèces voisines du *Glyptodon*. Atlas, 4to. *Dijon*, 1856.
- Nöggerath** (Johann Jakob). Mineralogische Studien über die Gebirge am Niederrhein. 8vo. *Frankfort*, 1808.
- . Ueber aufrecht im Gebirgsgestein eingeschlossene fossile Baumstämme und andere Vegetabilien. (Tract.) 8vo. *Bonn*, 1819.
- . Das Gebirge in Rheinland-Westphalen, nach mineralogischem und chemischem Bezuge. 4 vols. 8vo. *Bonn*, 1822–26.
- . Das Erdbeben vom 23. Februar 1828 im Königreiche der Niederlande, etc. (Tract.) 8vo. *Halle*, 1828.
- . Das Erdbeben vom 29. Juli 1846 im Rheingebiet und den benachbarten Ländern, etc. (Tract.) 4to. *Bonn*, 1847.
- . See **BURKART** (Joseph) and **THOMAE** (Carl).
- and **Burkart** (Joseph). Der Bau der Erdrinde nach dem heutigen Standpunkte der Geognosie. Fol. *Bonn*, 1838.
- Nordenskiöld** (Adolph Eric). Geografisk och geognostisk beskrifning öfver nordöstra delarne af Spetsbergen och Hinlopen Strait. (Tract.) 4to. *Stockholm*, 1863.
- . Sketch of the Geology of Spitzbergen. 8vo. *Stockholm*, 1867.
- . See **IGELSTRÖM** (L. I.).
- Nordenskiöld** (Nils). Bidrag till närmare kännedom af Finlands mineralier och geognosie. 1sta häft. 8vo. *Stockholm*, 1820.
- . Försök till framställning af kemiska mineralsystemet, etc. (Tract.) 4to. *Stockholm*, 1827.
- . Beschreibung des Phenakits, eines neuen Minerals aus dem Ural. (Tract.) 8vo. *Leipzig*, 1834.
- . Beitrag zur Kenntniss der Schrammen in Finnland. (Tract.) 4to. *Helsingfors*, 1863.
- Nordmann** (Alexander von). Ueber die Entdeckung reichhaltiger Lagerstätten von fossilen Knochen in Süd-Russland. [See **FISCHER DE WALDHEIM** (Gotthelf): *Jubilaeum*.] Fol. *Moscow*, 1847.
- . Paläontologie Südrusslands. 4to; Atlas, fol. *Helsingfors* and *Heidelberg*, 1858–60.
- Norman** (J. M.). Quelques observations de morphologie végétale faites au jardin botanique de Christiania. (Tract.) 4to. *Christiania*, 1857.
- Northampton** (Marquis of). Address read at the general meeting of the Royal Society, June 1848. (Tract.) 8vo. *London*, 1848.
- Northcote** (A. Beauchamp). On the Brine-springs of Worcestershire. (Tract.) 8vo. *London*, 1855.
- Norton** (Henry). The Forest Bed of East Norfolk. (Tract.) 8vo. *Norwich*, 1877.

- Norton's Tube Well.** [Advertisment and Testimonials, &c.] (Tract.)
8vo. *London*, 1867.
- Nosban** (—). Manuel du menuisier en meubles et en bâtimens, suivi de l'art de l'ébéniste. 12mo. *Paris*, 1827.
- Nöschel** (A.). Bemerkungen über die naturhistorischen, insbesondere die geognostisch-hydrographischen Verhältnisse der Steppe zwischen den Flüssen Or und Turgai, Kumak und Syr-Darja; mit einem Vorwort und Bemerkungen von G. von Helmersen. (Tract.)
8vo. *St. Petersburg*, 1854.
- Nose** (Carl Wilhelm). Orographische Briefe über das Siebengebirge, und die benachbarten zum Theil vulkanischen Gegenden beyder Ufer des Nieder-Rheins. 2 vols. 4to. *Frankfort*, 1789–90.
- . Orographische Briefe über das sauerländische Gebirge in Westphalen. Nebst literarischen Nachträgen und Registern zu den niederrheinischen und westphälischen Reisen. 4to. *Frankfort*, 1791.
- . Sammlung einiger Schriften über vulkanische Gegenstände und den Basalt, etc. 8vo. *Frankfort*, 1795.
- Nötling** (F.). Ueber das Vorkommen von Riesenkesseln im Muschelkalk von Rüdersdorf. (Tract.) 8vo. *Berlin*, 1879.
- Nott** (J. C.) and **Gliddon** (George R.). Types of Mankind; illustrated by selections from the inedited papers of Samuel George Morton, and by additional contributions from L. Agassiz, W. Usher, and H. S. Patterson. 8th edition. 8vo. *Philadelphia* and *London*, 1860.
- Noulet** (J. B.). Du terrain éocène supérieur considéré comme l'un des étages constitutifs des Pyrénées. (Tract.) 2 copies. 4to. *Paris*, 1858.
- Novara Expedition.** Reise der österreichischen Fregatte Novara um die Erde in den Jahren 1857, 1858, 1859, unter den Befehlen des Commodore B. von Wüllerstorff-Urbair. Geologischer Theil. 4to. *Vienna*, 1866.
- Band I. Abtheil. 1. Beiträge zur Geologie der Provinzen Auckland und Nelson, von Dr. F. V. Hochstetter.
- Band I. Abtheil. 2. Beiträge zur Kenntniss der fossilen Flora und Fauna der Provinzen Auckland und Nelson, von F. Unger, Karl Zittel, E. Suess, Felix Karrer, Ferdinand Stoliczka, Guido Stache und Gustav Jäger; redigirt von F. von Hochstetter, Moriz Hörnes und Franz von Hauer.
- Band II. Abtheil. 1. Geologische Beobachtungen während der Reise der Novara von F. von Hochstetter. 2 copies.
- Nova Scotia.** Die Gold-Minen von Neu-Schottland. 4 edition. 8vo. *Halifax, N. S.*, 1867.
- . An Act relating to the Regulation of Mines. 8vo. *Halifax, N. S.*, 1873.
- . Report of the Chief Gold Commissioner (P. S. Hamilton) for the year 1863. (Tract.) 8vo. *Halifax, N. S.*, 1864.
- Nowicki** (Max). Ueber die Weizenverwüsterin *Chlorops taniopus*, Meig., und die Mittel zu ihrer Bekämpfung. (Tract.) 8vo. *Vienna*, 1871.
- Nunningh** (Jodocus Hermann). Sepulcretum Westphalico-Mimigardico gentile. Editio recens ossilegio historico-physico, ut et indice rerum locupletata. 4to. *Frankfort* and *Leipzig*, 1714.

- Nuttall (Dr.).** Catalogue of his choice and valuable Collection of Minerals [from North America]. (Tract.) 8vo. *London*, 1860.
- Nyst (Pierre Henri).** Recherches sur les coquilles fossiles de la province d'Anvers. (Tract.) 8vo. *Brussels*, 1835.
- . Additions à la faune conchyliologique des terrains tertiaires de Belgique. (Tract.) 8vo. *Brussels*, 1842.
- . Description des coquilles et des polypiers fossiles des terrains tertiaires de la Belgique. 4to. *Brussels*, 1843.
- . Tableaux synoptiques des coquilles et polypiers fossiles appartenant aux systèmes Campinien, Tongrien, Bruxellien, et Landénien de M. Dumont. (Tract.) 4to. *Brussels*, 1844.
- . Tableau synoptique et synonymique des espèces vivantes et fossiles de la famille des Arcacées, avec l'indication des dépôts dans lesquels elles ont été recueillies. 1^{re} partie. (Tract.) 4to. *Brussels*, 1848.
- . Description succincte d'un nouveau mollusque marin des rives de l'Escaut. (Tract.) 8vo. *Brussels*, 1855.
- . Sur un travail de M. le professeur Aug. Em. Reuss, de Prague, intitulé: Die Foraminiferen des Crag von Antwerpen. (Tract.) 8vo. *Brussels*, 1863.
- . Notice sur une coquille du genre Cyrène, découverte dans les extractions du puit artésien d'Ostende, à la profondeur de 26^m,30 à 31^m,40. (Tract.) 2 copies. 8vo. *Antwerp*, 1859.
- . Notice de M. Scohy sur une découverte d'ossements fossiles. (Tract.) 8vo. *Brussels*, 1860.
- . Descriptions succinctes de dix espèces nouvelles de coquilles fossiles du crag noir des environs d'Anvers, suivis d'une note sur un gisement à échinodermes, bryozoaires, et foraminifères. (Tract.) 8vo. *Brussels*, 1861.
- . Notice sur quelques recherches paléontologiques faites aux environs d'Anvers. (Tract.) 8vo. *Brussels*, 1861.
- . Notice sur un nouveau gîte de fossiles se rapportant aux espèces faluniennes du midi de l'Europe, découvert à Edegheem, près d'Anvers (Tract.) 8vo. *Brussels*, 1861.
- . Rapport sur la découverte d'ossements fossiles faite à Saint-Nicolas, en 1859. (Tract.) 8vo. *Brussels*, 1859.
- . Rapport sur la description de deux coupes faites à travers les couches des systèmes Scaldisien et Diestien, ainsi que les couches supérieures près de la ville d'Anvers ; par M. Dejardin. (Tract.) 8vo. *Brussels*, 1862.
- . Sur les animaux inférieurs fossiles de la province d'Anvers. (Tract.) 8vo. *Brussels*, 1869.
- . Tableau synoptique et synonymique des espèces vivantes et fossiles du genre *Scalaria*, etc. (Tract.) 8vo. *Brussels*, 1871.
- . Catalogue des ouvrages de Conchyliologie, etc., qui se trouvent dans les bibliothèques publiques et particulières de Belgique. (Tract.) 4to. *Brussels*.
- . See DEWÆL (Norbert Charles), RAMDONCK (— van), and THIELENS (Armand).
- and Galeotti (H.). Description de quelques fossiles du calcaire jurassique de Tehuacan, au Mexique. (Tract.) 2 copies. 8vo. *Brussels*, 1840.

- Nyst** (Pierre Henri) and **Le Hon** (H.). Descriptions succinctes de quelques nouvelles espèces animales et végétales fossiles des terrains tertiaires éocènes des environs de Bruxelles. (Tract.)
8vo. *Brussels*, 1863.
- and **Mourlon** (M.). Note sur le gîte fossilifère d'Aeltre (Flandre orientale). (Tract.) 2 copies. 8vo. *Brussels*, 1872.
- Nystrom** (Juan Guillermo). Informe al supremo gobierno del Peru, sobre una expedicion al interior de la República. (Tract.)
8vo. *Lima*, 1868.

O.

- O'Callaghan** (E. B.). See **NEW YORK**.
- Ochsenius** (Carl). Die Bildung der Steinsalz-Lager und ihrer Mutterlaugensalze der Flötze von Douglasshall in der Engeln'schen Mulde. 2 copies. 8vo. *Halle*, 1877.
- Odeleben** (E. G. von). Beiträge zur Kenntniss von Italien. 2 vols. 8vo. *Freiberg*, 1819–20.
- Odernheimer** (Fr.). Das Festland Australien. (Tract.)
8vo. *Wiesbaden*, 1861.
- Oeynhaus** (Karl von). Versuch einer geognostischen Beschreibung von Oberschlesien. 8vo. *Essen*, 1822.
- . Erläuterungen zu der geognostisch-orographischen Karte der Umgebung des Laacher-Sees. (Tract.) 4to. *Berlin*, 1847.
- and **Dechen** (Heinrich von). Zusammenstellung der geognostischen Beobachtungen über das Schiefergebirge in den Niederlanden und am Niederrheine. (Tract.) 8vo. *Stuttgart*, 1825.
- . Bemerkungen über den Steinkohlenbergbau in den Niederlanden und in dem angränzenden Theil des nördlichen Frankreichs. (Tract.) 8vo. *Berlin*, 1826.
- . Ueber den Steinkohlenbergbau in England, gesammelt auf einer Reise in den Jahren 1826 und 1827. 8vo. *Berlin*, 1833.
- , —, and **La Roche** (H. von). Geognostische Umriss der Rheinländer zwischen Basel und Mainz mit besonderer Rücksicht auf das Vorkommen des Steinsalzes. 2 vols. 8vo. *Essen*, 1825.
- Ogilby** (William). Observations on the Structure and Relations of the presumed Marsupial Remains from the Stonesfield Oolite. (Tract.)
8vo. *London*, 1838.
- Ogilvie** (George). The Master-Builder's Plan, or the principles of organic architecture as indicated in the typical forms of animals. 8vo. *London*, 1858.
- Ohain** (Karl Eugen Pabst von). See **WERNER** (A. G.).
- Ohio**. Board of Agriculture. Eleventh Annual Report, for the year 1856. 8vo. *Columbus*, 1857.
- . See **NEWBERRY** (J. S.) and **SURVEYS: OHIO**.
- Ohm** (Georg Simon). Biographical Notice. See **LAMONT** (Dr.).
- Oken** (Lorenz). Elements of Physiophilosophy. Translated from the German by Alfred Tulk. (Ray Society.) 8vo. *London*, 1847.
- Oldham** (James). See **PATON** (John).
- Oldham** (Thomas). Address to the Geological Society of Dublin, delivered at the Anniversary Meeting, February 20th, 1850. (Tract.)
8vo. *Dublin*, 1850.

- Oldham** (Thomas). Report of the Examination of the districts in the Damoodah valley and Beerbhoom producing Iron-ore. (Tract.) 8vo. *Calcutta*, 1852.
- . Notes upon the Geology of the Rajmahal Hills. (Tract.) 8vo. *Calcutta*, 1853.
- . Report on the Coal-mines of Lakadong, in the Jynteah Hills; and Memorandum of the results of an examination of Gold-dust and Gold from Shuy-gween. (Tract.) 8vo. *Calcutta*, 1853.
- . Notes on the Geological Features of the banks of the River Irawadee and of the country north of the city of Amarapoora. 8vo. *Calcutta*, 1856.
- . On some additions to the knowledge of the Cretaceous Rocks of India. (Tract.) 8vo. *Calcutta*, 1858.
- . On the Geological Structure of a portion of the Khasi Hills, Bengal. 8vo. *Calcutta*, 1858.
- . Notice sur la fabrication du fer dans l'Inde. Extrait par M. Delesse. (Tract.) 8vo. *Paris*, 1859.
- . On the Geological Relations and probable Geological Age of Rocks in Central India and Bengal. (Tract.) 8vo. *Calcutta*, 1860.
- . On some Fossil Fish-teeth of the genus *Ceratodus* from Maledi, south of Nagpur. (Tract.) 8vo. *Calcutta*, 1860.
- . Memorandum on the results of a cursory examination of the Salt-Range and parts of the districts of Bunnoo and Kohat, etc. 8vo. *Calcutta*, 1864.
- . The "Coal Resources and Production of India." (Tract.) Fol. *Calcutta*, 1867.
- . Address delivered at the Annual General Meeting of the Asiatic Society of Bengal, . . . 1869. (Tract.) 8vo. *Calcutta*, 1869.
- . India. Mineral Statistics. Coal. (Tract.) 8vo. *Calcutta*, 1869.
- . See TREMENHEERE (G. B.)
- Olfers** (Ignaz Fr. M. von). Die Ueberreste vorweltlicher Riesenthier in Beziehung zu ostasiatischen Sagen und chinesischen Schriften. (Tract.) 4to. *Berlin*, 1840.
- Oliv**i (Giuseppe). Zoologia adriatica. 4to. *Bassano*, 1792.
- Olivier** (—) and **Virey** (—). Catalogue des livres d'histoire naturelle, etc., composant leurs bibliothèques. (Tract.) 8vo. *Paris*, 1850.
- Olmsted** (Denison). Address on the Scientific Life and Labors of William C. Redfield. (Tract.) 8vo. *New Haven*, 1857.
- Omalius d'Halloy** (Jean Baptiste Julian d'). Mémoires pour servir à la description géologique des Pays-Bas, de la France et de quelques contrées voisines. 8vo. *Namur*, 1828.
- . Eléments de Géologie. 8vo. *Paris*, 1831.
- . Eléments de Géologie, ou seconde partie des Eléments d'Histoire Naturelle inorganique. 2^e édition. 8vo. *Paris*, 1835.
- . ———. 3^e édition. 8vo. *Paris*, 1839.
- . Coup d'œil sur la Géologie de la Belgique. (Tract.) 8vo. *Brussels*, 1842.
- . Précis élémentaire de Géologie. 8vo. *Paris*, 1843.
- . ———. 8^e édition. 8vo. *Brussels and Paris*, 1868.
- . Abrégé de Géologie. 8vo. *Brussels and Paris*, 1853.

- Omalius d'Halloy** (Jean Baptiste Julian d'). *Abrégé de Géologie.*
7^e édition. 8vo. *Brussels*, 1862.
- . *Notice biographique sur Alexandre Brongniart.* (Tract.)
8vo. *Paris*, 1860.
- . *Des races humaines, ou éléments d'éthnographie.* 5^e édition.
8vo. *Brussels and Paris*, 1869.
- . *Sur le transformisme.* (Tract.) 8vo. *Brussels*, 1873.
- . *Notions élémentaires de statistique.* 8vo. *Paris*.
- . See CORNET (F. L.).
- Omboni** (Giovanni). *Série des terrains sédimentaires de la Lombardie.*
(Tract.) 8vo. *Paris*, 1855.
- . *Cenni sulla carta geologica della Lombardia.* (Tract.)
8vo. *Milan*, 1861.
- . [Notice of] Gastaldi, 'Epoca glaciale miocenica,' e Cantoni,
'Nuovi principj di fisiologia vegetale.' (Tract.) 8vo. *Milan*, 1861.
- . *I ghiacciaj antichi e il terreno erratico di Lombardia.* (Tract.)
8vo. *Milan*, 1861.
- . [Notice of] Capellini, 'Studj stratigrafici e paleontologici sull'
Infralias nelle montagne del golfo della Spezia,' e 'Carta geologica
dei dintorni del golfo della Spezia e val di Magra inferiore.' (Tract.)
8vo. *Milan*, 1863.
- . *Delle principali opere finora pubblicate sulla geologia del Veneto.*
(Tract.) 8vo. *Milan*, 1863.
- . *Sull' azione riescavatrice esercitata dagli antichi ghiacciaj sul
fondo delle valli alpine.* (Tract.) 8vo. *Milan*, 1863.
- . *Bibliografia.* Lyell, 'Antichità dell' uomo ;' Gastaldi, Strobel e
Pigorini, 'Avanzi dell' antica industria umana in Italia ;' e Broca,
'Lavori della Società d'Antropologia di Parigi.' (Tract.)
8vo. *Milan*, 1864.
- . *Sulle condizioni geologiche delle ferrovie progettate per arrivare
a Coira passando per lo Spluga, il Settimo e il Lucomagno.* (Tract.)
8vo. *Milan*, 1864.
- . *Le due recenti teorie sulle correnti atmosferiche.* (Tract.)
8vo. *Milan*, 1867.
- . *Come si debbono ricostituire gli antichi continenti.* (Tract.)
8vo. *Milan*, 1868.
- . *Geologia dell' Italia.* 8vo. *Milan*, 1869.
- . *Di alcuni oggetti preistorici delle caverne di Velo nel Veronese.*
(Tract.) 8vo. *Milan*, 1875.
- . *Delle antiche morene vicine ad Arco nel Trentino.* (Tract.)
8vo. *Venice*, 1876.
- . *L'esposizione di oggetti preistorici che ebbe luogo a Verona dal
20 febbrajo al 3 Aprile 1876.* (Tract.) 8vo. *Venice*, 1876.
- . *Il mare glaciale e il pliocene ai piedi delle Alpi Lombarde.* (Tract.)
8vo. *Milan*, 1877.
- . *Le Marocche, antiche morene mascherate da frane.* (Tract.)
8vo. *Milan*, 1878.
- . *Le nostre Alpi e la pianura del Po. Descrizione geologica del
Piemonte, della Lombardia, del Trentino, del Veneto e dell' Istria.*
8vo. *Milan*, 1878.

* * As appendix to his 'Geologia dell' Italia.'

- Omboni** (Giovanni). Il gabinetto di mineralogia e geologia della R. Università di Padova. 8vo. *Padua*, 1880.
- Ontario**. North-western Ontario, its boundaries, resources, and communications. 8vo. *Toronto*, 1879.
- . The revised Statutes of Ontario. 2 vols. 8vo. *Toronto*, 1877.
- . Statutes, documents, and papers bearing on the discussion respecting the Northern and Western Boundaries of the Province of Ontario. 8vo. *Toronto*, 1878.
- . Statutes of the Province of Ontario passed in the session held in the Forty-first year of the reign of Her Majesty Queen Victoria. 8vo. *Toronto*, 1878.
- . — session held in the Forty-second year of the reign of Her Majesty Queen Victoria. 8vo. *Toronto*, 1879.
- Ooster** (W. A.). Catalogue des Céphalopodes fossiles des Alpes Suisses, etc. (Tract.) 4to. *Geneva*, 1863.
- . Synopsis des échinodermes fossiles des Alpes Suisses. 4to. *Geneva and Basle*, 1865.
- and **Fischer-Ooster** (C. von). Pétrifications remarquables des Alpes Suisses. Le Corallien de Wimmis. 4to. *Geneva and Basle*, 1869.
- —. Protozoë Helvetica. Band I. u. II. 4to. *Basle and Geneva*, 1869–71.
- Oppel** (Albert). Der mittlere Lias Schwabens. (Tract.) 8vo. *Stuttgart*, 1853.
- . Ueber einige Cephalopoden der Juraformation Württembergs. (Tract.) 8vo. *Stuttgart*, 1855.
- . Die Juraformation Englands, Frankreichs, und südwestlichen Deutschlands. 8vo. *Stuttgart*, 1856–58.
- . Weitere Nachweise der Kössener Schichten in Schwaben und in Luxemburg. (Tract.) 8vo. *Vienna*, 1857.
- . Die neueren Untersuchungen über die Zone der *Avicula contorta* mit besonderer Berücksichtigung der Beobachtungen M. Martin's über das Auftreten dieser Zone im Dep. Côte d'Or. (Tract.) 8vo. *Munich*, 1859.
- . Ueber die Brachiopoden des untern Lias. (Tract.) 8vo. *Berlin*, 1861.
- . Ueber die weissen und rothen Kalke von Vils in Tyrol. (Tract.) 8vo. *Munich*, 1861.
- . Paläontologische Mittheilungen aus dem Museum des königl. bayer. Staats. 3 vols. 8vo. *Stuttgart*, 1862–65.
- . Die tithonische Etage. (Tract.) 8vo. *Berlin*, 1865.
- . See SERIALS, ETC.: DRESDEN. Museum des königl. bayer. Staats.
- and **Suess** (Eduard). Ueber die muthmasslichen Aequivalente der Kössener Schichten in Schwaben. (Tract.) 8vo. *Vienna*, 1856.
- Oppermann** (Peter Wilhelm). Ueber Schaalstein und Kalktrap, zwei Felsarten, die bisher unter der Benennung Schaalstein zusammengefasst wurden. (Tract.) 4to. *Frankfort*, 1836.
- Orbigny** (Alcide Dessalines d'). Biographical Notice. See GAUDRY (A.).
- . Foraminifères des îles Canaries. 4to. *Paris*, 1839.
- . Histoire naturelle, générale et particulière des Crinoïdes vivans et fossiles. 3^e partie. 4to. *Paris*, 1840.

Orbigny (Alcide Dessalines d'). *Paléontologie Française, ou description des fossiles de la France.* (Atlas to accompany each volume.)
8vo. *Paris*, 1842 etc.

1^{re} série. Animaux fossiles :—

Terrain crétacé.	Vol.	I. Céphalopodes, par A. d'Orbigny.
" "	Vol.	II. Gastéropodes, par A. d'Orbigny.
" "	Vol.	III. Lamellibranches, par A. d'Orbigny.
" "	Vol.	IV. Brachiopodes, par A. d'Orbigny.
" "	Vol.	V. Bryozoaires, par A. d'Orbigny.
" "	Vol.	VI. Echinides irréguliers, par A. d'Orbigny.
" "	Vol.	VII. Echinides irréguliers, par G. Cotteau.
" "	Vol.	VIII. Zoophytes, par E. de Fromentel.
Terrain jurassique.	Vol.	I. Céphalopodes, par A. d'Orbigny.
" "	Vol.	II. Gastéropodes, par A. d'Orbigny.
" "	Vol.	III. Gastéropodes, par — Piette.
" "	Vol.	VI. Brachiopodes, par E. Eudes Deslongchamps.
" "	Vol.	IX. Echinides irréguliers, par G. Cotteau.
" "	Vol.	X. Zoophytes, par E. de Fromentel et — Ferry.
" "	Vol.	XI. Echinides réguliers, par G. Cotteau.

2^e série. Végétaux fossiles :—

- | | | |
|---------------------|------|--|
| Terrain jurassique. | Vol. | I. Algues, Characées, etc., par G. de Saporta. |
| " " | Vol. | II. Cycadées, par G. de Saporta. |
| " " | Vol. | III. Conifères, par G. de Saporta. |
- . *Voyage dans l'Amérique méridionale exécuté pendant les années 1827-33. Tome III. 3^e partie, Géologie.*
4to. *Paris and Strasbourg*, 1842.
- . *Foraminifères fossiles du bassin tertiaire de Vienne.*
4to. *Paris*, 1846.
- . *Cours élémentaire de paléontologie et de géologie stratigraphiques.*
3 vols. 8vo; Atlas, 4to. *Paris*, 1849-52.
- . *Prodrome de paléontologie stratigraphique universelle des animaux mollusques et rayonnés, faisant suite au cours élémentaire de paléontologie et de géologie stratigraphiques.* 3 vols. 2 copies. 8vo. *Paris*, 1850-52.
- . *Catalogue des livres d'histoire naturelle, ouvrages et manuscrits relatifs à l'Amérique, composant sa Bibliothèque.* (Tract.)
8vo. *Paris*, 1858.
- . See ELIE DE BEAUMONT (L.).
- Orbigny** (Charles d'). *Mémoire sur diverses couches de terrain nouvellement découvertes aux environs de Paris, entre la craie et l'argile plastique.* (Tract.) 2 copies. 8vo. *Paris*, 1836-37.
- . *Notice géologique sur les environs de Paris.* (Tract.)
8vo. *Paris*, 1838.

- Orbigny** (Charles d'). Classification et principaux caractères minéralogiques des roches d'après la méthode de M. Cordier. (Tract.) 8vo. *Paris*, 1848.
- . Description sommaire des divers terrains qui constituent l'écorce terrestre. (Tract.) 8vo. *Paris*, 1849.
- and **Gente** (A.). Géologie appliquée aux arts et à l'agriculture. 8vo. *Paris*, 1851.
- . Description des roches. 8vo. *Paris*, 1868.
- . See **HUOT** (J. J. N.).
- Ordinaire** (C. N.). A Natural History of Volcanoes. Translated from the original French manuscript, by R. C. Dallas. 8vo. *London*, 1801.
- . Histoire naturelle des volcans. 8vo. *Paris*, 1802.
- Ordinance Map of Scotland**. Remarks on the scale adopted. (Tract.) 8vo. No date.
- Ordway** (Albert). On the supposed identity of the *Paradoxides Harlani*, Green, with the *Paradoxides spinosus*, Boeck. (Tract.) 8vo. *Boston*, 1861.
- O'Riley** (Edward). Journal of a Tour to Karen-Nee for the purpose of opening a trading-road to the Shan traders from Mobyay and the adjacent Shan States, through that territory direct to Toungoo. (Tract.) 8vo. 1857.
- . A brief notice of the Tenasserim Provinces in relation to their Commercial and Political Importance. (Tract.) 8vo. *Bassein*, 1862.
- Orlebar** (A. B.). Some observations on the Geology of the Egyptian Desert. (Tract.) 8vo. *Bombay*, 1845.
- Ormerod** (George Waring). On the Geology of Central Cheshire. (Tract.) 8vo. *London*, 1843.
- . On the Salt Field and New Red Sandstone of Cheshire. (Tract.) 8vo. *Manchester*, 1843.
- . Remarks on a line of Earthworks in the parish of Lidenham, Gloucestershire, known as "Offa's Dyke." 4to. *London*, 1859.
- . On the traces of Tin-streaming in the vicinity of Chagford. (Tract.) 8vo. *Plymouth*, 1866.
- . Notes on the Carboniferous beds adjoining the northern edge of the Granite of Dartmoor. (Tract.) 8vo. *Plymouth*, 1867.
- . Notice of Molars of *Hippopotamus major* stated to have been found in Kent's Cavern, Torquay. (Tract.) 8vo. *Plymouth*, 1869.
- . Notice of the occurrence of Scapolite at Chagford, Devon. (Tract.) 8vo. *Plymouth*, 1869.
- . Archæological Memoirs relating to the East of Dartmoor. 8vo. *Exeter*, 1876.
- Örsted** (Hans Christian). Obituary Notice. See **FORCHHAMMER** (G.).
- Orth** (Albert). Geognostische Durchforschung des schlesischen Schwemmlands zwischen dem Zobtener und Trebnitzer Gebirge. 8vo. *Berlin*, 1872.
- . Ueber Untersuchung und kartographische Aufnahme des Bodens und Untergrundes grosser Städte. (Tract.) 8vo. *Berlin*, 1873.
- . Bericht über die Bodenarten, Bodenkarten und bez. geologischen Karten auf der Weltausstellung zu Wien 1873. (Tract.) 8vo. *Berlin*, 1873.

- Orth (Albert).** Beiträge zur Meereskunde. (Tract.) 8vo. *Berlin*, 1875.
- . Ueber einige Aufgaben der wissenschaftlichen Meereskunde. (Tract.) 8vo. *Berlin*, 1875.
- . Die geognostisch-agronomische Kartirung mit besonderer Berücksichtigung der geologischen Verhältnisse Norddeutschlands und der Mark Brandenburg. 8vo; Atlas, 4to. *Berlin*, 1875.
- . Landwirthschaftliche Beziehungen der geographischen Ausstellung zu Paris von 15. Juli bis 15. August 1875. (Tract.) 8vo. *Leipzig*, 1876.
- . Landwirthschaft. (Tract.) 8vo. *Berlin*?
- . Die Schwarzerde und ihre Bedeutung für die Kultur. (Tract.) 4to. *Halle*, 1877.
- . Ueber die Anforderungen der Geographie und der Land- und Forstwirthschaft an die geognostische Kartographie des Grund und Bodens. (Tract.) 8vo. *Berlin*, 1877.
- . Die naturwissenschaftlichen Grundlagen der Bodenkunde. (Tract.) 8vo. *Berlin*?, 1877.
- Ortlieb (J.) and Chellonneix (E.).** Etude géologique des collines tertiaires du département du Nord, comparées avec celles de la Belgique. 8vo. *Lille*, 1870.
- Ortolani (Giuseppe Emanuele).** Prospetto dei minerali di Sicilia. (Tract.) 8vo. *Palermo*, 1808.
- Orton (Edward).** See SURVEYS: OHIO.
- Osander (Nicolaus E.).** De fluviatili astaco ejusque usu medico. (Tract.) 8vo. *Upsala*, 1715.
- Osborn (Henry F.).** See SERIALS, ETC.: PRINCETON (N. J.), MUSEUM OF GEOLOGY, &c.
- Osiander (Friedrich Benjamin).** Commentatio de carbone ligneo, summo ad arcendam metallorum oxydationem remedio, novo et certissimo experimento comprobato. (Tract.) 4to. *Göttingen*, 1820.
- Oswald (H. R.).** On the Stratification of Alluvial Deposits, and the Crystallization of Calcareous Stalactites. (Tract.) 8vo. *Douglas*, 1823.
- Otley (Jonathan).** A concise description of the English Lakes, the Mountains, etc., with Remarks on the Mineralogy and Geology. 6th edition. [Pp. 143–182, containing Botanical Notices, the Geology of the Lake District, the Floating Island in Derwent Lake, and the Black-lead Mine in Borrowdale.] 12mo. *Keswick*, 1837.
- Otto (E. von).** *Callianassa antiqua*, Otto, aus dem untern Quader von Malter in Sachsen. (Tract.) 8vo. *Dresden*, 1857.
- Ouchterlony (John).** Mineralogical Report upon a portion of the districts of Nellore, Cuddapah, and Guntoor. (Tract.) 8vo. *Madras*, 1841.
- Oustalet (E.) and Sauvage (H. Emile).** Notes sur les schistes à Meletta de Froidefontaine. (Tract.) 2 copies. 8vo. *Paris*, 1870.
- Owen (David Dale).** [On a supposed new Earth.] (Tract.) 8vo. *Philadelphia*?, 1852.
- . See SURVEYS: ARKANSAS, IOWA, KENTUCKY, and WISCONSIN.
- Owen (Edward).** Observations on the Earths, Rocks, Stones, and Minerals for some miles about Bristol. 12mo. *London*, 1754.

- Owen (Richard). Memoir on the Pearly Nautilus (*Nautilus pompilius*, Linn.), with Illustrations of its external form and internal structure. 4to. London, 1832.
- . On the Anatomy of the Brachiopoda of Cuvier, etc. (Tract.) 4to. London, 1834.
- . Description of the remains of Marsupial Mammalia from the Stonesfield Slate. Part 2. (Tract.) 8vo. London, 1838.
- . Observations on the Teeth of *Zeuglodon*, *Basilosaurus* of Dr. Harlan. (Tract.) 8vo. London, 1839.
- . Odontography; or a treatise on the comparative anatomy of the teeth in Vertebrate animals. 4to. London, Paris, and Leipzig, 1840-45.
- . Description of the Skeleton of an extinct gigantic Sloth (*Myiodon robustus*, Owen). 4to. London, 1842.
- . Lectures on the Comparative Anatomy and Physiology of the Invertebrate Animals. 8vo. London, 1843.
- . A history of British Fossil Mammals and Birds. 8vo. London, 1846.
- . Lectures on the Comparative Anatomy and Physiology of the Vertebrate Animals, delivered at the Royal College of Surgeons of England in 1844 and 1846. Part I. Fishes. 8vo. London, 1846.
- . On the Archetype and Homologies of the Vertebrate Skeleton. 8vo. London, 1848.
- . The Hippopotamus at the Zoological Gardens. (Tract.) 8vo. London, 1850.
- . A Monograph on the Fossil Reptilia of the Cretaceous Formations. [Palæontographical Society.] 4to. London, 1851-64.
- . On *Dinornis* (Part IV.), containing the restoration of the feet of that Genus and of *Palapteryx*, with a description of the sternum in *Palapteryx* and *Aptornis*. (Tract.) 4to. London, 1851.
- . On *Dinornis* (Part VI.), containing a description of the bones of the leg of *Dinornis* (*Palapteryx*) *struthioides* and of *Dinornis gracilis*, Owen. (Tract.) 4to. London, 1855.
- . Description of some species of the extinct genus *Nesodon*, with remarks on the primary group (*Toxodontia*) of hoofed quadrupeds, to which the genus is referable. (Tract.) 4to. London, 1853.
- . Monograph on the Fossil Reptilia of the Wealden and Purbeck Formations. With supplements. [Palæontographical Society.] 4to. London, 1853-64 etc.
- . Geology and Inhabitants of the Ancient World. The animals constructed by B. W. Hawkins. (Tract.) 8vo. London, 1854.
- . Lectures on the Comparative Anatomy and Physiology of the Invertebrate Animals, delivered at the Royal College of Surgeons. 2nd edition. 8vo. London, 1855.
- . Description of a small Lophiodont Mammal (*Pliolophus vulpiceps*, Owen) from the London Clay, near Harwich. (Tract.) 8vo. London, 1858.
- . Description of the Skull and Teeth of the *Placodus laticeps*, Owen, with indications of other new species of *Placodus*, and evidence of the Saurian nature of that genus. (Tract.) 4to. London, 1858.

- Owen** (Richard). Address delivered at the twenty-eighth General Meeting of the British Association. (Tract.) 8vo. London, 1859.
- . On the Classification and Geographical Distribution of the Mammalia. 8vo. London, 1859.
- . Memoir on the Megatherium, or Giant Ground-Sloth of America (*Megatherium americanum*, Cuvier). 4to. London, 1860.
- . Monographs on the British Fossil Reptilia from the Kimmeridge Clay. [Palæontographical Society.] 4to. London, 1860 etc.
- . Palæontology, or a Systematic Summary of extinct animals and their geological relations. 8vo. Edinburgh, 1860.
- . Monographs on the British Fossil Reptilia from the Oolite Formations. [Palæontographical Society.] 4to. London, 1861 etc.
- . Sur le Gorille (*Troglodytes gorilla*), traduit par M. Eudes-Deslongchamps. (Tract.) 8vo. Caen, 1861.
- . On the Aye-aye. (Tract.) 4to. London, 1862.
- . On the extent and aims of a National Museum of Natural History. 8vo. London, 1862.
- . Monograph of the Fossil Reptilia of the Liassic Formations. [Palæontographical Society.] 4to. London, 1865.
- . On the Anatomy of the Vertebrates. 3 vols. 8vo. London, 1866.
- . The dental characters of Genera and Species, chiefly of Fishes, from the Low Main Seam and Shales of *Coal, Northumberland. (Tract.) 8vo. London, 1867.
- . Monograph of the British Fossil Cetacea from the Red Crag. [Palæontographical Society.] 4to. London, 1870 etc.
- . Monograph of the Fossil Mammalia of the Mesozoic Formations. [Palæontographical Society.] 4to. London, 1871.
- . On Longevity. (Tract.) 8vo. London, 1872.
- . On the Fossil Mammals of Australia. Parts VI. to VIII. Genera *Phascalomys*, Geoffr., and *Macropus*, *Osphranter*, *Phascolagus*, *Sthenurus*, and *Protemnodon* [family Macropodidæ]. (Tracts.) 4to. London, 1872-74.
- . Anatomy of the King Crab (*Limulus polyphemus*, Latr.). 4to. London, 1873.
- . Monographs on the British Fossil Reptilia of the Mesozoic Formations. [Palæontographical Society.] 4to. London, 1874 etc.
- . Descriptive and Illustrated Catalogue of the Fossil Reptilia of South Africa in the Collection of the British Museum. 4to. London, 1876.
- . Researches on the Fossil Remains of the Extinct Mammals of Australia, with a notice of the Extinct Marsupials of England. 2 vols. 4to. London, 1877.
- . On the occurrence in North America of rare extinct Vertebrates found fragmentarily in England. (Tract.) 8vo. London, 1878.
- . See 'BEAGLE' EXPEDITION, BELCHER (Sir Edward), and BUCKLAND (William).
- and Bell (Thomas). Monograph on the Fossil Reptilia of the London Clay, and of the Bracklesham and other Tertiary Beds. [Palæontographical Society.] 4to. London, 1849-58.

Owen (W. F. W.). Tables of Latitudes and Longitudes by Chronometer of Places in the Atlantic and Indian Oceans, resulting from the observations of H.M.S. 'Leven' and 'Barracouta' in the years 1820 to 1826 inclusive. To which is prefixed an Essay on the management and use of Chronometers by Richard Owen, Commr. R.N.
4to. London, 1827.

P.

P * * * (F.). A Letter to a Friend, containing observations on the comparative merits of Canals and Railways, occasioned by the reports of the Committee of the Liverpool and Manchester Railway. (Tract.)

8vo. London, 1832.

P * * * (L.), M.A. Two Essays sent in a letter from Oxford to a nobleman in London, the first concerning some Errors about the Creation, etc., the second concerning the Rise, Progress, and Destruction of Fables and Romances.

8vo. London, 1695.

Pacht (R.). See BAER (C. E. von).

Pacific Steam Navigation Company. [Reports of Messrs. Wheelwright and Taggart to the Directors.] (Tracts.)

8vo. London, 1843.

Packard (A. S.). Results of observations on the Drift Phenomena in Labrador and the Atlantic coast southward. (Tract.)

8vo. New Haven, 1866.

——. Evidence of the existence of ancient local Glaciers in the White Mountain valleys. (Tract.)

8vo. New Haven, 1867.

——. Record of American Entomology for the year 1868.

8vo. Salem, 1869.

——. Report on the Rocky Mountain Locust and other insects now injuring and likely to injure field and garden crops in the Western States and Territories. (Tract.)

8vo. Washington, 1877.

——. See SURVEYS: UNITED States, Survey of Territories.

Packe (Christopher). ΑΝΚΟΓΡΑΦΙΑ, sive Convallium Descriptio. In which are briefly but fully expounded the origine, course and insertion, extent, elevation and congruity of all the valleys and hills, brooks and rivers of East Kent. (Tract.)

4to. Canterbury, 1743.

Paetel (Fr.). Die bisher veröffentlichten Familien- und Gattungsnamen der Mollusken.

8vo. Berlin, 1875.

Page (David). Rudiments of Geology.

8vo. Edinburgh, 1852.

——. Advanced Textbook of Geology, descriptive and industrial.

8vo. Edinburgh and London, 1859.

——. Handbook of Geological Terms and Geology.

8vo. Edinburgh and London, 1859.

——. The Philosophy of Geology.

8vo. London and Edinburgh, 1863.

——. Some Remarks on the Present Position and Future Prospects of Geological Inquiry. (Tract.)

8vo. Edinburgh, 1864-65.

——. Geology and Modern Thought. (Tract.)

8vo. Edinburgh, 1865-66.

——. Introductory Textbook of Physical Geography.

8vo. Edinburgh and London, 1876.

- Page** (Thomas). Report on the proposed Harbour of Refuge, new Basin, and Dock at Maryport, and their advantages for ships of large burthen. (Tract.) 4to. *Westminster*, 1865.
- Page** (Thomas J.). Report of the Exploration and Survey of the river "La Plata" and tributaries. (Tract.) 8vo. *Washington*, 1856.
- Paijkull** (C. W.). En sommer i Island. 8vo. *Copenhagen*, 1867.
- Palissan** (M.). Essai sur la minéralogie des Monts-Pyrénées. 4to. *Paris*, 1784.
- Palissy** (Bernard). Œuvres, revues sur les exemplaires de la bibliothèque du Roi, avec des notes par MM. Faujas de Saint Fond et Gobet. 4to. *Paris*, 1777.
- Pallas** (P. S.). Betrachtungen über die Beschaffenheit der Gebürge und Veränderungen der Erdkugel. (Tract.) *Frankfort and Leipzig*, 1778.
- . Tableau physique et topographique de la Tauride tiré du journal d'un voyage fait en 1794. 4to. *St. Petersburg*, 1795.
- Pallias** (Honoré). Souvenirs des Alpes. Le Lautaret. (Tract.) 8vo. *Lyons*, 1852.
- Palliser** (John). See REPORTS, PARLIAMENTARY. *America, North*.
- Palmgren** (L.). See SURVEYS: SWEDEN.
- Palmieri** (Luigi). Der Ausbruch des Vesuv's vom 26. April, 1872. Besorgt und bevorwortet von C. Rammelsberg. 8vo. *Berlin*, 1872.
- . The Eruption of Vesuvius in 1872; with Notes and an Introductory Sketch of the present state of Knowledge of Terrestrial Vulcanicity. By Robert Mallet. 8vo. *London*, 1873.
- Palstercamp** (A. de Bylandt). See BYLANDT PALSTERCAMP (A. de).
- Pander** (Christian Heinrich). Beiträge zur Geognosie des russischen Reiches. 4to; Atlas, fol. *St. Petersburg*, 1830.
- . Monographie der fossilen Fische des silurischen Systems der russisch-baltischen Gouvernements. 4to. *St. Petersburg*, 1856.
- . Ueber die Ctenodipterinen des devonischen Systems. 4to. *St. Petersburg*, 1858.
- . Ueber die Saurodipterinen, Dendrodonten, Glyptodonten und Cheirolepiden des devonischen Systems. 4to. *St. Petersburg*, 1860.
- Pansner** (Lorenz von). Resultate der Untersuchungen über die Härte und specifische Schwere der Mineralien. (Tract.) 8vo. *St. Petersburg*, 1813.
- . Höhen der Oerter über der Meeresfläche im europäischen und asiatischen Russland, etc. (Tract.) 8vo. *Berlin*, 1836.
- Pantz** (Ignaz von) and **Atzl** (A. Jos.). Versuch einer Beschreibung der vorzüglichsten Berg- und Hüttenwerke des Herzogthums Steyermark. 8vo. *Vienna*, 1814.
- Paoli** (D.). Del sollevamento e dell' avvallamento di alcuni terreni. (Tract.) 8vo. *Pesaro*, 1838.
- Paracelsus** (P.). Nine books of the Nature of Things. Also a Chemical Dictionary explaining hard places and words met withall in the writings of Paracelsus and obscure authors. Translated by J. F. 4to. *London*, 1650.
- Pareto** (Lorenzo Nicolò). Osservazioni geologiche dal Monte Amiata a Roma. (Tract.) 8vo. *Rome*, 1844.
- . Della posizione delle roccie pirogene ed eruttive dei periodi terziario, quaternario, ed attuale in Italia. (Tract.) 8vo. *Genoa*.

- Pareto** (Lorenzo Nicolò). Discorsi del Presidente della sezione di geologia e mineralogia all'ottavo congresso scientifico Italiano, Settembre 1846. (Tract.) 4to. *Genoa*, 1847.
- Parfitt** (Edward). Fossil Sponge-spicules in the Greensand of Haldon and Blackdown. (Tract.) 8vo. *Exeter*, 1870.
- Paris** (John Ayrton). A Memoir of the Life and Scientific Labours of the late Rev. William Gregor. (Tract.) 8vo. *London*, 1818.
- Paris**. Universal Exhibition, Reports. See EXHIBITION OF 1855.
- Paris to Brest**. Profil géologique suivant le tracé du chemin de fer, dressé sur les indications de MM. Triger et Delesse par MM. Mille and Thoré. Section de Paris à Rennes, par MM. Mille and Thoré. Section de Rennes à Brest, par M. Mille. Réseau d'Orléans, par M. Mille. Fol. *Paris*, 1863-66.
- Parish** (Sir Woodbine). Notice as to the supposed identity of the large mass of Meteoric Iron now in the British Museum with the celebrated Otumpa Iron described by Rubin de Celis in the Philosophical Transactions for 1786. (Tract.) 2 copies. 4to. *London*, 1834.
- . Buenos Ayres, and the provinces of the Rio de la Plata; their present state, trade, and debt, etc. 8vo. *London*, 1838.
- . 2nd edition. 8vo. *London*, 1852.
- Parker** (James). On the relationship between the Somme River and the Somme Valley. (Tract.) 8vo. *London*, 1876.
- Parker** (Samuel). Journal of an Exploring Tour beyond the Rocky Mountains, . . . performed in the years 1835, 1836, and 1837, with a map of Oregon territory. 8vo. *Ithaca, N. Y.*, 1838.
- Parker** (William Kitchen). Abstract of notes on the Osteology of *Balaniceps rex*. (Tract.) 8vo. *London*, 1860.
- . A Monograph of the Structure and Development of the Shoulder-girdle and Sternum in the Vertebrata. [Ray Society.] 4to. *London*, 1868.
- . See CARPENTER (William Benjamin) and JONES (Thomas Rupert).
- and JONES (T. Rupert). Description of some Foraminifera from the coast of Norway. (Tract.) 8vo. *London*, 1857.
- ———. On *Ovulites margaritula*. (Tract.) 8vo. *London*, 1877.
- , ———, BRADY (H. B.), and KIRKBY (J. W.). On the Nomenclature of the Foraminifera. Parts I.-XV. 8vo. *London*, 1859-72.
- Parkes** (Samuel). The Chemical Catechism, with notes, illustrations, and experiments. 5th edition. 8vo. *London*, 1812.
- . ———. 10th edition. 8vo. *London*, 1822.
- . ———. Revised and adapted to the present state of chemical science by E. W. Brayley, jun. 8vo. *London*, 1834.
- . Chemical Essays. 5 vols. 12mo. *London*, 1815.
- . Thoughts on the Laws relating to Salt. 8vo. *London*, 1817.
- . A letter to Farmers and Graziers on the advantages of using Salt in Agriculture and in feeding Cattle. 4th edition. (Tract.) 8vo. *London*, 1819.
- Parkes** (William). Description of Lighthouses lately erected in the Red Sea. (Tract.) 8vo. *London*, 1864.
- Parkinson** (James). Organic Remains of a former World. An examination of the mineralized remains of the vegetables and animals of the antediluvian world generally termed extraneous fossils. 3 vols. and plates. 2 copies. 4to. *London*, 1804-11.

- Parkinson (James).** Observations on the Strata and Fossil Remains in the neighbourhood of London. (Tract.) 4to. *London*, 1811.
- . Outlines of Oryctology. An introduction to the study of fossil organic remains, especially of those found in the British strata, etc. 8vo. *London*, 1822.
- . 3rd edition. 8vo. *London*, no date.
- Parliamentary Reports.** See REPORTS, PARLIAMENTARY.
- Parolini (Alberto).** Biographical Notice. See VISIANI (Roberto de).
- . Sulla sospensione temporanea del corso dell' Oliero. (Tract.) 8vo. *Venice*, 1858.
- Parrish (Robert A.).** Details of an unpaid claim on France for 20,000,000 francs, guaranteed by the parole of Napoleon III. 8vo. *Philadelphia*, 1869.
- Parry (C. C.).** See SURVEYS: UNITED STATES.
- Parry (W. E.), Foster (Henry), and Ross (J. C.).** Observations and experiments made at Fort Bowen in the years 1824–25 on the figure of the Earth, on magnetism and atmospherical refraction. 4to. *London*, 1826.
- Parsons (H. Franklin).** The Alluvial Strata of the Lower Ouse Valley. (Tract.) 8vo. *Leeds*, 1878.
- Partsch (Paul).** Bericht über das Detonations-Phänomen auf der Insel Meleda bey Ragusa, etc. 8vo. *Vienna*, 1826.
- . Ueber den schwarzen Stein in der Kaaba zu Mekka. (Tract.) 8vo. *Vienna*, 1856.
- Pascoe (Francis P.).** Zoological Classification: a handy book of reference, with tables of the subkingdoms, classes, orders, &c. of the Animal Kingdom, their characters, and lists of the families and principal genera. 2nd edition. 8vo. *London*, 1880.
- Pascucci (Luigi).** Brevi cenni sulle specialità Mattei con sunto delle malattie sanate nella città di Roma nell' anno 1869. (Tract.) 8vo. *Rome*, 1870.
- Pasini (Ludovico).** See POLO (Marco).
- Pasley (C. W.).** Observations on limes, calcareous cements, mortars, stuccos, and concrete, etc. 8vo. *London*, 1838.
- Passalacqua (Alessandro Lucini).** Voti di un comasco per qualche miglioramento alla sua bella patria. (Tract.) 8vo. *Milan*, 1844.
- Passy (Antoine).** Description géologique du département de la Seine-Inférieure. Text and atlas. 2 copies. 4to. *Paris and Rouen*, 1832.
- . Notice biographique sur M. Louis Graves. (Tract.) 8vo. *Paris*, 1860.
- Pasumot (François).** Voyages physiques dans les Pyrénées en 1788 et 1789. 8vo. *Paris*, 1797.
- Paton (James).** See BRITISH ASSOCIATION. Glasgow Guide Books.
- Paton (John), Oldham (James), and Müller (John Henry).** On reclaiming Land from Seas and Estuaries. (Tract.) 8vo. *London*, 1864.
- Patrick (R. W. Cochran-).** Early records relating to Mining in Scotland. 4to. *Edinburgh*, 1878.
- Patrin (Eugène Louis Melchior).** Eléméns de minéralogie et de géologie. 12mo. *Paris*, 1803.
- . Histoire naturelle des minéraux. 2nd edition. 5 vols. 12mo. 1803.

- Patten** (Robert). Report of the Locating Survey of the St. Croix and Lake Superior Railroad. (Tract.) 8vo. *Madison*, 1856.
- Patterson** (H. S.). See **NOTT** (J. C.).
- Patterson** (Robert). On the Study of Natural History as a branch of general education in schools and colleges. (Tract.) 8vo. *Belfast*, 1840.
- Patti** (Carmelo Sciuto). Relazione dei lavori scientifici trattati nell'anno XXXX. dell' Accademia Gioenia di Scienze naturali. (Tract.) 4to. *Catania*, 1867.
- Pattison** (S. R.). Chapters on Fossil Botany. 8vo. *London*, 1849.
- . "The Antiquity of Man." An examination of Sir Charles Lyell's recent work. (Tract.) 8vo. *London*, 1863.
- . New Facts and Old Records: a Plea for Genesis. (Tract.) 8vo. *London*, 1867.
- Paul** (Benjamin H.). See **BISCHOF** (Gustav).
- Pávay** (Alexius). A budai márga ásatag Tüs-Könczei. (Die fossilen Seeigel des Öfner Mergels.) 8vo. *Pesth*, 1874.
- Payne** (Edward J.). See **EXHIBITION OF 1867**. Paris.
- Payne** (Olive). See **METALS, MINES, and MINERALS**.
- Payot** (Venance). Collection de la série des roches de la chaîne du Mont-Blanc, et du massif des terrains composant la nature géologique du groupe de montagnes entre les vallées de Sixt, Diozaz, Servoz, Chamonix, etc. Texte explicatif. (Tract.) 4to. *Geneva*, 1855.
- . Oscillations des quatre grands glaciers de la vallée de Chamounix. (Tract.) 8vo. *Lausanne*, 1867.
- Peacock** (Richard Atkinson). On Steam, as the motive power in Earthquakes and Volcanoes, and on cavities in the Earth's crust. (Tract.) 2 copies. 8vo. *Jersey*, 1866.
- . Physical and Historical Evidences of vast sinkings of Land on the North and West Coasts of France and South-western Coasts of England within the historical period. 8vo. *London*, 1868.
- . Changes of the Earth's Physical Geography, and consequent Changes of Climate. (Tract.) 8vo. *London*, 1871.
- . What is, and what is not the Cause of Activity in Earthquakes and Volcanoes? (Tract.) 8vo. *London*, 1877.
- Peale** (A. C.). On a peculiar type of Eruptive Mountains in Colorado. (Tract.) 8vo. *Washington*, 1877.
- Peale** (Rembrandt). Account of the Skeleton of the Mammoth, a non-descript carnivorous animal of immense size found in America. 8vo. *London*, 1802.
- . An Historical Disquisition on the Mammoth, a great American Incognitum. 2 copies. 8vo. *London*, 1803.
- Pearce** (Horace). On a group of Old Stones. (Tract.) 8vo. *Dublin*, 1870.
- . (Anon., F.G.S.) Homes of my Ferns. (Tract.) 8vo. *Dublin*, 1871.
- . In the Tracks of Old Welsh Glaciers. (Tract.) 8vo. *Dublin*, 1874.
- Pearson** (John). See **SERIALS, ETC.: WORCESTER**. Worcester Natural-History Society.
- Pearson** (J. T.). Hints for the preservation of Objects of Natural History. (Tract.) 8vo. *Calcutta*, 1835.
- Pecchioli** (Vittorio). Notice sur un nouveau genre de Bivalve fossile des terrains sub-apennins. (Tract.) 8vo. *Florence*, 1852.

- Pechar** (Johann). Kohl und Eisen in alle Ländern der Erde. (Tract.) 8vo. *Berlin*, 1878.
- Peckham** (S. F.). See SURVEYS : MINNESOTA.
- Peez** (A. H.). Traité sur les eaux thermales de Wiesbade. Traduit par J. G. Graffenauer. 8vo. *Wiesbaden*.
- Pelet de la Lozère** (*Baron* —). Napoleon in Council, or the Opinions delivered by Bonaparte in the Council of State. Translated from the French . . . by Captain Basil Hall. 8vo. *Edinburgh*, 1837.
- Pelletier** (J.). Essai sur la valeur des caractères physiques employés en minéralogie. (Tract.) 4to. *Paris*, 1812.
- Pelouze** (E.). Art de fabriquer les couleurs et vernis. 12mo. *Paris*, 1828.
- Pencati** (Giuseppe Marzari-). See MARZARI-PENCATI (Giuseppe).
- Pengelly** (William). Introductory Address, delivered before the Torquay Natural History Society, 1863. (Tract.) 8vo. *London and Torquay*, 1864.
- . On Cetacean remains washed ashore at Babbicombe, South Devon. (Tract.) 8vo. *Plymouth*, 1866.
- . On Kent's Cavern, Torquay. (Tract.) 8vo. *London*, 1866.
- . On the Correlation of the Lignite Formation of Bovey Tracey, Devonshire, with the Hempstead Beds of the Isle of Wight. (Tract.) 8vo. *Plymouth*, 1866.
- . The Insulation of St. Michael's Mount, Cornwall. (Tract.) 8vo. *Truro*, 1872.
- . Notes on Dr. Rivière's Discovery of three new Human Skeletons in the Mentone Caverns in 1873-4. (Tract.) 8vo. *Plymouth*, 1874.
- . Notes on recent notices of the Geology and Palæontology of Devonshire. (Tract.) 8vo. *Plymouth*, 1874.
- . The Cavern discovered in 1858 in Windmill Hill, Brixham, South Devon. (Tract.) 8vo. *Plymouth*, 1874.
- . The Flint and Chert Implements found in Kent's Cavern, Torquay. (Tract.) 8vo. *Plymouth*, 1875.
- . See PRESTWICH (Joseph).
- and **Heer** (Oswald). On the Lignite Formation of Bovey Tracey, Devonshire. 4to. *London*, 1863.
- Peniston** (William Michael). Public Works in Pernambuco, in the Empire of Brazil. (Tract.) 8vo. *London*, 1863.
- Penning** (W. Henry). Field Geology. With a Section on Palæontology by A. J. Jukes-Browne. 8vo. *London*, 1876.
- . A Textbook of Field Geology. With a Section on Palæontology by A. J. Jukes-Browne. Second edition. 8vo. *London*, 1879.
- . Engineering Geology. 8vo. *London*, 1880.
- Pennsylvania**. See MARYLAND and SURVEYS.
- Penny Cyclopædia**. 27 vols. and 3 supplements. 4to. *London*, 1833-72.
- Pentland** (J. B.). On the General Outline and Physical Configuration of the Bolivian Andes, etc. (Tract.) 8vo. *London*, 1835.
- Pepe** (Gabriele). Ragguaglio storico-fisico del Tremuoto accaduto nel Regno di Napoli, . . . 1805. (Tract.) 8vo. *Naples*, 1806.
- Pepys** (W. H.). Analysis of the Sand Tube found at Drigg. (MS. Tract.)
- Perazzi** (C.). Intorno ai Giacimenti Cupriferi contenuti nei Monti Serpentinosi dell' Italia Centrale. (Tract.) 4to. *Turin*, 1864.

- Perazzi (C.).** See EXHIBITION OF 1861.
- Percival (James G.).** See SURVEYS: CONNECTICUT and WINCONSIN.
- Percy (John).** On the importance of special Scientific Knowledge to the practical Metallurgist. 8vo. *London*, 1852.
- . Metallurgy. The art of extracting metals from their ores, and adapting them to various purposes of manufacture. Fuel; Fire-clays; Copper; Zinc; Brass, etc. 8vo. *London*, 1861.
- . ———. Iron and Steel. 8vo. *London*, 1864.
- . The Metallurgy of Lead, including desilverization and cupellation. 8vo. *London*, 1870.
- . See JUKES (J. Beete).
- and **Miller (William Hallows).** Report on the Crystalline Slags. (Tract.) 8vo. *London*, 1847.
- Pereira (Jonathan).** Lectures on Polarized Light, together with a Lecture on the Microscope. 2nd edition. 8vo. *London*, 1854.
- Pereira Cabral (Frederico A. de Vasconcellos A.).** See SURVEYS: PORTUGAL.
- Perez (A.).** Sui limiti geognostici del terreno cretaceo delle Alpi marittime. (Tract.) 8vo. *Nizza*, 1853.
- Peron (Alphonse).** Sur les terrains jurassiques supérieurs en Algérie. (Tract.) 8vo. *Paris*, 1869.
- . See COTTEAU (Gustave).
- Perrey (Alexis).** Nouvelles recherches sur les tremblements de terre ressentis en Europe et dans les parties adjacentes de l'Afrique et de l'Asie, de 1801 à juin 1843. (Tract.) 4to. *Paris*, 1843.
- . Liste des Tremblements de Terre ressentis en Europe et dans les parties adjacentes de l'Afrique et de l'Asie, pendant l'année 1843. (Tract.) 8vo. *Paris*, 1844.
- . Mémoire sur les Tremblements de Terre ressentis en France, en Belgique et en Hollande, depuis le quatrième siècle de l'ère chrétienne jusqu'à nos jours—1843 inclusiv. (Tract.) 4to. *Brussels*, 1844.
- . Sur les Tremblements de Terre de la péninsule Scandinave. (Tract.) 8vo. *Paris*, 1845.
- . Mémoire sur les Tremblements de Terre dans le bassin du Danube. (Tract.) 8vo. *Lyons*, 1846.
- . Mémoire sur les tremblements de terre dans le bassin du Rhin. (Tract.) 4to. *Brussels*, 1846.
- . Mémoire sur les Tremblements de Terre ressentis dans le bassin du Rhône; avec Notes additionnelles par M. J. Fournet. (Tract.) 8vo. *Lyons*, 1846.
- . Documents sur les Tremblements de Terre au Mexique et dans l'Amérique centrale. (Tract.) 8vo. *Epinal*, 1847.
- . Mémoire sur les Tremblements de Terre de la péninsule Italique. (Tract.) 4to. *Brussels*, 1847.
- . Sur les Tremblements de Terre de la péninsule Ibérique; avec Notes additionnelles par M. Fournet. (Tract.) 8vo. *Lyons*, 1847.
- . Documents relatifs aux Tremblements de Terre dans le nord de l'Europe et de l'Asie. (Tract.) 8vo. *Epinal*, 1848.

- Perrey** (Alexis). Instructions sur l'observation des Tremblements de Terre. (Tract.) 8vo. *Paris*, 1848.
- . Mémoire sur les Tremblements de Terre ressentis dans la péninsule Turco-Hellénique et en Syrie. (Tract.) 4to. *Brussels*, 1848?
- . Note sur les Tremblements de Terre en 1847. (Tract.) 8vo. *Brussels*, 1848.
- . Note sur les Tremblements de Terre ressentis en 1848. (Tract.) 8vo. *Brussels*, 1849.
- . Note sur les Tremblements de Terre ressentis en 1849, suivi d'un supplément pour 1847 et 1848. (Tract.) 8vo. *Brussels*, 1850.
- . Note sur les Tremblements de Terre en 1853, avec suppléments pour les années antérieures. (Tract.) 8vo. *Dijon*, 1854.
- . Note sur les Tremblements de Terre ressentis en 1854, avec suppléments pour les années antérieures. (Tract.) 8vo. *Brussels*, 1855.
- . Note sur les Tremblements de Terre en 1856, avec suppléments pour les années antérieures. (Tract.) 8vo. *Brussels*, 1858.
- . Note sur les Tremblements de Terre en 1857. (Tract.) 8vo. *Brussels*, 1858.
- . Note sur les Tremblements de Terre en 1858, avec suppléments pour les années antérieures. (Tract.) 8vo. *Brussels*, 1861.
- . Note sur les Tremblements de Terre en 1852. (Tract.) 8vo. *Brussels*, 1862.
- . Note sur les Tremblements de Terre en 1860, avec suppléments pour les années antérieures. (Tract.) 8vo. *Brussels*, 1862.
- . Note sur les Tremblements de Terre en 1861, avec suppléments pour les années antérieures. (Tract.) 8vo. *Brussels*, 1863.
- . Note sur les Tremblements de Terre en 1862, avec suppléments pour les années antérieures. (Tract.) 8vo. *Brussels*, 1864.
- . Note sur les Tremblements de Terre en 1863, avec suppléments pour les années antérieures, de 1843 à 1862. (Tract.) 8vo. *Brussels*, 1865.
- . ———. (Tract.) 8vo. *Brussels*, 1866.
- . Documents relatifs aux Tremblements de Terre dans le nord de l'Europe et de l'Asie. (Tract.) 4to. *St. Petersburg*, 1849.
- . Sur les Tremblements de Terre dans les îles Britanniques. (Tract.) 8vo. *Lyons*, 1849.
- . Circulaire relative à l'observation des Tremblements de Terre, adressée à tous les voyageurs. (Tract.) 8vo. *Paris*, 1854.
- . Documents relatifs aux Tremblements de Terre au Chili. (Tract.) 8vo. *Lyons*, 1854.
- . Bibliographie seismique. (Tract.) 2 copies. 8vo. *Dijon*, 1855.
- . Documents sur les Tremblements de Terre au Pérou, dans la Colombie et dans le bassin de l'Amazone. (Tract.) 8vo. *Brussels*, 1857-58.
- . Sur les Tremblements de Terre et les phénomènes volcaniques aux Moluques. Parts 1 to 4. (Tract.) 8vo. *Epinal*, 1857-60.
- . Propositions sur les Tremblements de Terre et les Volcans. (Tract.) 8vo. *Paris*, 1861.
- . Documents sur les Tremblements de Terre et les phénomènes volcaniques au Japon. (Tract.) 8vo. *Lyons*, 1862.

- Perrey** (Alexis). Documents sur les Tremblements de Terre et les phénomènes volcaniques dans l'archipel des Kouriles et au Kamtschatka. (Tract.) 8vo. *Lyons*, 1863.
- . Documents sur les Tremblements de Terre et les phénomènes volcaniques des îles Aleutiennes, de la péninsule d'Aljaska et de la côte N.O. d'Amérique. (Tract.) 8vo. *Brussels*, 1866.
- Perrot** (A. M.). Manuel du dessinateur ou traité complet de cet art. 12mo. *Paris*, 1827.
- . Manuel élémentaire pour la construction et le dessin des cartes géographiques. 12mo. *Paris*, 1830.
- Perry** (John B.). Queries on the Red Sandstone of Vermont and its relations to other rocks. (Tract.) 8vo. *Boston*, 1868.
- and **Ayrton** (W. E.). On a neglected principle that may be employed in Earthquake-measurements. (Tract.) 8vo. *Yokohama*, 1877.
- Pertthes** (Jacques Boucher de Crévecœur de). See BOUCHER DE CRÈVE-CŒUR DE PERTHES (Jacques).
- Pessina** (Luigi Gabriele). Quistioni naturali e ricerche meteorologiche: (Mem. I.) Sulle epoche delle piogge. 8vo. *Naples*, 1865.
(Mem. II.) Della formazione della pioggia e della provocazione di essa. 8vo. *Naples*, 1865.
(Mem. III.) Eruzioni vulcaniche e tremuoti. 8vo. *Naples*, 1868.
(Mem. IV.?) Considerazioni sullo stato attuale ed avvenire della meteorologia. 8vo. *Florence*, 1870.
- Petermann** (Augustus). On the Fall of the Jordan, and of the Principal Rivers in the United Kingdom. (Tract.) 8vo. *London*, 1848.
- . The Expedition to the North Pole. (Lith. Tract.) 8vo. *London and Gotha*, 1865.
- . See HOCHSTETTER (Ferdinand von).
- Peters** (Karl Ferdinand). Schildkrötenreste aus den österreichischen Tertiärablagerungen. (Tract.) 4to. *Vienna*, 1855.
- . Beiträge zur Kenntniss der Schildkrötenreste aus den österreichischen Tertiärablagerungen. (Tract.) 4to. *Vienna and Olmutz*, 1858.
- . Vorläufiger Bericht über eine geologische Untersuchung der Dobrudscha. (Tract.) 8vo. *Vienna*, 1864.
- . Grundlinien zur Geographie und Geologie der Dobrudscha. 1. Geographischer Theil. 2. Geologischer Theil. (Tracts.) 4to. *Vienna*, 1867.
- . Zur Kenntniss der Wirbelthiere aus den Miocänschichten von Eibiswald in Steiermark. I. Die Schildkrötenreste; II. *Amphicyon*, *Viverra*, *Hyoherium*. (Tract.) 2 copies. 8vo. *Vienna*, 1868.
- . Ueber Reste von *Dinoherium* aus der obersten Miocänstufe der südlichen Steiermark. (Tract.) 8vo. *Vienna*, 1871.
- . Die Donau und ihr Gebiet. 8vo. *Leipzig*, 1876.
- . See SARTORIUS VON WALTERSHAUSEN (W.).
- Petrinò** (Otto von). Die Entstehung der Gebirge erklärt nach ihren dynamischen Ursachen. (Tract.) 8vo. *Vienna*, 1879.
- Pettenkofer** (Max von). Die Chemie in ihrem Verhältnisse zur Physiologie und Pathologie. (Tract.) 4to. *Munich*, 1848.
- . Dr. Justus Freiherrn von Liebig zum Gedächtniss. (Tract.) 4to. *Munich*, 1874.

- Pettersen (Karl).** Geologiske Undersøgelse i Tromsø ômegn i Aarene 1865–1867. 8vo. *Trondheim*, 1868.
- . Geologiske Undersøgelser i Tromsø Amt. III. Om Kvartærtidens Dannelser. (Tract.) 8vo. *Trondheim*, 1872.
- Petterson (A. L. Th.).** See SURVEYS: SWEDEN.
- Pettus (John).** The Laws of Art and Nature in knowing, judging, assaying, finding, refining, and enlarging the bodies of confined metals. Fol. *London*, 1683.
- Petzholdt (Alexander).** Erdkunde. Geologie. (Tract.) 8vo. *Leipzig*, 1840.
- . De Calamitis, etc. (Tract.) 8vo. *Dresden and Leipzig*, 1841.
- . Ueber Calamiten und Steinkohlenbildung. (Tract.) 8vo. *Dresden and Leipzig*, 1841.
- Petzl (Joseph).** Ueber den glatten Beryll vom Rabenstein im baierischen Walde. (Tract.) 4to. *Munich*, 1809.
- Peyton (John E. H.).** The Boring at Netherfield. (Tract.) 8vo. *St. Leonards*, 1873.
- Pfaff (Friedrich).** Allgemeine Geologie als exacte Wissenschaft. 8vo. *Leipzig*, 1873.
- . Grundriss der Geologie. 8vo. *Leipzig*, 1876.
- . Die Naturkräfte in den Alpen. 8vo. *Munich*, 1877.
- . Der Mechanismus der Gebirgsbildung. 8vo. *Heidelberg*, 1880.
- Pfaff (W.).** See BERZELIUS (J. J.).
- Pfankuch (Otto).** Ueber die zu Sooldorf im Hessen-Schaumburgischen erbohrte Salzsoole, deren übles Verhalten beim Soggen, und über die Mittel, durch welche man dasselbe zu beseitigen versucht hat. (Tract.) 8vo. *Göttingen*, 1841.
- Pfaundler (A. von).** See BUCH (Leopold von).
- Pfeiffer (Louis).** See BRITISH MUSEUM.
- Pfeil (L. G. von).** Ein Beitrag zur Geschichte unserer Erde. (Tract.) 8vo. *Berlin*, 1853.
- Pfort (C.).** Der Flammofenbetrieb mit brennbaren Gasen zu Veckerhagen. (Tract.) 8vo. *Göttingen*, 1841.
- . Gusseiserne Stichheerde zu Veckerhagen. (Tract.) 8vo. *Göttingen*, 1841.
- Phelps (John Delafield).** Collectanea Glocestriensia; or a catalogue of books, tracts, prints, coins, &c. relating to the County of Gloucester. 8vo. *London*, 1842.
- Philippi (Rudolph Almand).** Enumeratio Molluscorum Siciliae. 4to. *Berlin*, 1836.
- . Beiträge zur Kenntniss der Tertiärversteinerungen des nord-westlichen Deutschlands. (Tract.) 2 copies. 4to. *Cassel*, 1843.
- . Fauna Molluscorum viventium et in tellure tertiaria fossilium, Regni utriusque Siciliae. 4to. *Halle*, 1844.
- Phillips (John).** Illustrations of the Geology of Yorkshire. 2 parts. 2 copies. 4to. *York*, 1829, 1836.
- . Illustrations of the Geology of Yorkshire. Part I. 3rd edition. Edited by R. Etheridge. 4to. *London*, 1875.
- . A Guide to Geology. 2nd edition. 8vo. *London*, 1835.
- . ——. 3rd edition. 8vo. *London*, 1836.
- . ——. 5th edition. 2 copies. 8vo. *London*, 1864.

- Phillips (John).** A Report on the probability of the occurrence of Coal and other Minerals in the vicinity of Lancaster. 2 copies.
4to. *Lancaster*, 1837.
- . A Treatise on Geology. 8vo. *Edinburgh*, 1837.
- . ———. New edition. 2 vols. 8vo. *London*, 1852.
- . Figures and Descriptions of the Palæozoic Fossils of Cornwall, Devon, and West Somerset. [Ordnance Geological Survey.] 2 copies. 8vo. *London*, 1841.
- . Memoirs of William Smith. 8vo. *London*, 1844.
- . On the Remains of Microscopical Animals in the Rocks of Yorkshire. (Tract.) 8vo. *Leeds*, 1846.
- . Thoughts on Ancient Metallurgy and Mining in Brigantia and other parts of Britain, suggested by a page of Pliny's Natural History. (Tract.) 8vo. *York*, 1848.
- . Map of the Principal Features of the Geology of Yorkshire. 8vo. *York*, 1853.
- . On some of the Relations of Archæology* to Physical Geography in the North of England. (Tract.) 8vo. *London*, 1853.
- . The Rivers, Mountains, and Sea-coast of Yorkshire. 8vo. *London*, 1853.
- . A Manual of Geology, practical and theoretical. 8vo. *London and Glasgow*, 1855.
- . On the Geology of the Malvern Hills. (Tract.) 8vo. *Worcester*, 1855.
- . Report on Cleavage and Foliation in Rocks etc. (Tract.) 8vo. *London*, 1857.
- . Life on the Earth, its origin and succession. 8vo. *Cambridge and London*, 1860.
- . Notices of Rocks and Fossils in the University Museum, Oxford. 8vo. *Oxford*, 1863.
- . On the Telescopic Appearance of the Planet Mars. (Tract.) 8vo. *London*, 1863.
- . Further Observations on the Planet Mars. (Tract.) 8vo. *London*, 1865.
- . Address to the Section of Geology of the British Association, at Bath, 1864. (Tract.) 8vo. *London*, 1864.
- . A Monograph of British Belemnitidæ. [Palæontographical Society.] 4to. *London*, 1865.
- . Notices of the Physical Aspect of the Sun. (Tract.) 8vo. *London*, 1865.
- . Obituary Notice of Charles Giles Bridle Daubeny. (Tract.) 8vo. *Cambridge*, 1868.
- . Vesuvius. 8vo. *Oxford*, 1869.
- . Geology of Oxford and the Valley of the Thames. 8vo. *Oxford*, 1871.
- and **Daubeny (C. G. B.).** Geology. [Enc. Met.] 4to. *London*, 1834.
- . See **BUCKLAND (William);** REPORTS, PARLIAMENTARY; **ROSSE (Earl of);** and **SURVEYS, ENGLAND AND WALES and GREAT BRITAIN.**
- Phillips (John, C.E.).** Valuator of Gold with Quartz. (Tract.) 4to. ———, 1855.

- Phillips** (John Arthur). On the Metallurgy of Lead. (Tract.) 8vo. London, 1859.
- . Gold Mining and the Gold Discoveries made since 1851. (Tract.) 8vo. London, 1862.
- . Notes on the Chemical Geology of the Gold-fields of California. (Tract.) 8vo. London, 1868.
- . On the connexion of certain Phenomena with the Origin of Mineral Veins. (Tract.) 2 copies. 8vo. London, 1871.
- . The Chemical Composition and Microscopical Constitution of certain Cornish Rocks. (Tract.) 8vo. London, 1871.
- . Elements of Metallurgy. 8vo. London, 1874.
- Phillips** (Joseph). The West India Question. The Outline of a Plan for the total, immediate, and safe abolition of Slavery throughout the British Colonies. (Tract.) 8vo. London, 1833.
- Phillips** (Richard). An Analysis of the Bath Water. (Tract.) 8vo. London, 1806.
- . A Letter to Dr. David Boswell Reid, in answer to his pamphlet, entitled "An Exposure of the misrepresentations in the 'Philosophical Magazine' and 'Annals,'" &c. (Tract.) 8vo. London, 1831.
- . See GREENOUGH (George Bellas).
- Phillips** (Sir Richard). Essays on the Proximate Mechanical Causes of the General Phenomena of the Universe. 8vo. London, 1818.
- . Twelve Essays on the Proximate Causes of the Material Phenomena of the Universe. 8vo. London, 1821.
- . Essay on the Physico-astronomical Causes of the Geological Changes on the Earth's Surface, etc. Republished, with a preface by W. D. Saull. (Tract.) 8vo. London, 1832.
- Phillips** (William). An Outline of Mineralogy and Geology. 8vo. London, 1815.
- . Outlines of Mineralogy and Geology. 2nd edition. 8vo. London, 1816.
- . An Elementary Introduction to the Knowledge of Mineralogy. 2 copies. 8vo. London, 1816.
- . ———. 3rd edition. 8vo. London, 1823.
- . ———. 4th edition, considerably augmented by Robert Allan. 8vo. London, 1837.
- . ———. With extensive alterations and additions by H. J. Brooke and W. H. Miller. 2 copies. 8vo. London, 1852.
- . A Selection of Facts from the best Authorities, arranged so as to form an outline of the Geology of England and Wales. 8vo. London, 1818.
- . On the Modifications of the primitive Crystal of the Sulphate of Barytes. (Tract.) 4to. London, 1819.
- . Catalogue (sale) of his rich and valuable cabinet of Minerals; and, also, of a select Crystallographical Cabinet, &c. (Tract.) 8vo. London, 1829.
- . See CONYBEARE (W. D.).
- Picardet** (Mme.). See WERNER (A. G.).
- Pickering** (Charles). The Geographical Distribution of Animals and Plants. See UNITED-STATES EXPLORING EXPEDITION.

- Pictet (F. J.).** Traité élémentaire de Paléontologie, ou Histoire naturelle des animaux fossiles. 4 vols. 8vo. *Paris*, 1844-46.
- . Traité de Paléontologie, ou Histoire naturelle des animaux fossiles. 2^e édition. 4 vols. 8vo ; Atlas, 2 vols. 4to. *Paris*, 1853-57.
- . Description de quelques poissons fossiles du mont Liban. 4to. *Geneva*, 1850.
- . Matériaux pour la paléontologie Suisse. Série 1-6. 4to. *Geneva*, 1854-73.

Série 1 :

1. Pictet (F. J.) and Renevier (E.). Fossiles du terrain aptien de la Perte-du-Rhone.
2. Pictet (F. J.), Gaudin (C.), and De la Harpe (Ph.). Animaux vertébrés du terrain sidérolitique du Canton de Vaud.
3. Pictet (F. J.) and Humbert (A.). Chéloniens de la molasse Suisse.
4. Pictet (F. J.) and Humbert (A.). Emyde nouvelle (*Emys Etalloni*) du terrain jurassique supérieur de Saint-Claude.

Série 2 :

1. Pictet (F. J.) and Loriol (P. de). Fossiles du terrain néocœmien des Voirons.
2. Pictet (F. J.) and Campiche (G.). Fossiles du terrain crétacé de Sainte-Croix.

Série 3 :

1. Pictet (F. J.) and Jaccard (A.). Reptiles et poissons fossiles de l'étage virgulien du Jura neuchâtelois.
2. Pictet (F. J.) and Campiche (G.). Fossiles du terrain crétacé de Sainte-Croix.

Série 4 :

1. Pictet (F. J.) and Campiche (G.). Fossiles du terrain crétacé de Sainte-Croix.
2. Loriol (P. de). Couches de l'étage valangien des carrières d'Arzier (Canton de Vaud).

Série 5 :

1. Pictet (F. J.) and Campiche (G.). Fossiles du terrain crétacé de Sainte-Croix. (Imperfect.)
2. Pictet (F. J.) and Humbert (A.). Animaux vertébrés du terrain sidérolitique du Canton de Vaud. (Supplement.)

Série 6 :

1. Pictet (F. J.) and Campiche (G.). Fossiles du terrain crétacé des environs de Sainte-Croix.
 2. Loriol (P. de). Echinides des terrains crétacés de la Suisse.
- . Notice sur les poissons des terrains crétacés de la Suisse et de la Savoie. (Tract.) 8vo. *Geneva*, 1858.
- . De la question de l'homme fossile. (Tract.) 8vo. *Geneva*, 1860.
- . Note sur la période quaternaire ou diluvienne considérée dans ses rapports avec l'époque actuelle. (Tract.) 8vo. *Geneva*, 1860.
- . (Revue) Sur l'origine de l'espèce par Charles Darwin. (Tract.) 8vo. *Paris*, 1860.

- Pictet (F. J.).** Note sur la succession des mollusques céphalopodes pendant l'époque crétacée dans la région des Alpes Suisses et du Jura. (Tract.) 8vo. *Geneva*, 1861.
- . Mélanges paléontologiques. 4to. *Basle and Geneva*, 1863–68.
- . Note sur la succession des mollusques gastéropodes pendant l'époque crétacée dans la région des Alpes Suisses et du Jura. (Tract.) 8vo. *Geneva*, 1864.
- . Rapport sur l'état de la question relative aux limites de la période Jurassique et de la période Crétacé. (Tract.) 8vo. *Geneva*, 1869.
- and **Humbert (A.).** Nouvelles recherches sur les poissons fossiles du mont Liban. (Tract.) 8vo. *Geneva*, 1866.
- . Nouvelles recherches sur les poissons fossiles du mont Liban. 4to. *Geneva and Paris*, 1866.
- and **Rénevier (E.).** (Notices géologiques et paléontologiques sur les Alpes Vaudoises.) Céphalopodes de Cheville. (Tract.) 8vo. *Lausanne and Paris*, 1866.
- See also **RÉNEVIER (E.).**
- and **Roux (William).** Description des mollusques fossiles des grès verts des environs de Genève. 4to. *Geneva*, 1847–53.
- Pictet (M. A.).** Account of the Formation of the Lake of Mauvoisin, by the Descent of a Glacier, and of the Inundations of the Val de Bagnes in 1595 and 1818, drawn up from the Memoir of M. Escher de la Linth, etc. (Tract.) 8vo. *Edinburgh*, 1819.
- Pictet (— Galiffe).** Lettres sur l'histoire du Moyen Age. Série I. 1–10. (Lith. Tract.) 4to. *Geneva*, 1839.
- Piera (Juan Vilanuova-y-).** See **VILANUOVA-Y-PIERA (Juan).**
- Pieraggi (Endymion).** See **SCROPE (George Poulett-).**
- Piette (—).** See **ORBIGNY (Alcide d').**
- Piggot (John, jun.).** Notes on the History and Distribution of Gold, Silver, and Tin, in Great Britain. (Tract.) 4to. *London*, 1870.
- Pilla (Leopoldo).** Bullettino geologico del Vesuvio e de' Campi Flegrei. No. 1. (Tract.) 8vo. *Naples*, 1834.
- . Osservazioni geognostiche che possonsi fare lungo la strada da Napoli a Vienna, etc. (Tract.) 8vo. *Naples*, 1834.
- . Parallelo fra i tre vulcani ardenti dell' Italia. (Tract.) 8vo. *Naples*, 1834.
- . Catalogo di una collezione di rocce delle Calabrie. (Tract.) 4to. *Naples*.
- . Osservazioni geognostiche sulla partie settentrionale e meridionale della Campania. (Tract.) 4to.
- . Intorno ai principali progressi della geologia ed allo stato presente di questa scienza. (Tract.) 8vo. *Naples*, 1840.
- . E dissertatione Nicolai Stenonis de solido intra solidum naturaliter contento excerpta. (Tract.) 8vo. *Florence*, 1842.
- . Application de la théorie des cratères de soulèvement au volcan de Rocca Monfina, dans la Campanie; traduit de l'Italien par L. Frapoli. (Tract.) 8vo. *Paris*, 1844.
- . Sopra la produzione delle fiamme ne' vulcani e sopra le conseguenze che se ne possono tirare. (Tract.) 4to. *Lucca*, 1844.
- . Aggiunte al discorso sopra la produzione delle fiamme nei vulcani. (Tract.) 8vo. *Lucca*, 1844.

- Pilla** (Leopoldo). Ricerche intorno alla vera posizione geologica del terreno del Macigno in Italia e nel mezzogiorno d'Europa, etc. (Tract.) 8vo. *Pisa*, 1845.
- . Breve cenno sulla ricchezza minerale della Toscana. 8vo. *Pisa*, 1845.
- . Descrizione dei caratteri del terreno etrusco. (Tract.) 8vo. *Pisa*, 1846.
- . Distinzione del terreno etrusco tra' piani secondari del mezzogiorno d'Europa. (Tract.) 4to. *Pisa*, 1846.
- . Istoria del tremuoto che ha devastato i paesi della costa Toscana il dì 14 Agosto 1846. (Tract.) 8vo. *Pisa*, 1846.
- . Trattato di Geologia. 2 vols. 8vo. *Pisa*, 1847-51.
- . See CASSOLA (F.).
- and **Catullo** (T. A.). Schiarimenti sopra alcune questioni riguardanti il terreno cretaceo delle Alpi Venete. (Tract.) 8vo. *Milan*, 1865.
- Pilla** (Nicola). Saggio litologico sui vulcani estinti di Rocca Monfina, di Sessa, e di Tiano. 8vo. *Naples*, 1795.
- Pillet** (L.) and **Fromentel** (E. de). Description géologique et paléontologique de la colline de Lémenc sur Chambéry, avec Atlas (fol.) de 15 planches. 8vo. *Chambéry*, 1875.
- Pinart** (Alphonse L.). Voyages à la côte nord-ouest de l'Amérique exécutés durant les années 1870-1872. Vol. I. Partie 1. Histoire Naturelle. (Tract.) Sm. fol. *Paris*, 1875.
- Pina-Vidal** (Adriano Augusto de). Curso de meteorologia. 8vo. *Lisbon*, 1869.
- Pini** (Ermenegildo). Osservazioni mineralogiche sulla miniera di ferro di Rio ed altre parti dell' isola d'Elba. 8vo. *Milan*, 1777.
- . Mémoire sur des nouvelles cristallisations de Feldspath, etc., de Baveno. 8vo. *Milan*, 1779.
- . Memoria Mineralogica sulla Montagna di S. Gottardo, etc. 8vo. *Milan*, 1783.
- . Di alcuni fossili singolari della Lombardia austriaca e di altre parti dell' Italia. (Tract.) 8vo. *Milan*, 1790.
- . Opuscoli inseriti nelle Memorie della Società italiana, 1792 (viz. Osservazioni sulla nuova teoria, e nomenclatura chimica come inammissibile in Mineralogia; Memoria geologica sulle rivoluzioni del globo terrestre &c.; e Saggio di una nuova teoria della terra, e addizioni al medesimo). 4to. *Milan*, 1792.
- . Viaggio geologico per diverse parti meridionali dell' Italia. 2nd edition. 8vo. *Milan*, 1802.
- . Sopra alcuni miglioramenti all' amalgamazione delle materie aurifere ed argentifere. (Tract.) 4to. *Modena*, 1805.
- . Descrizione ed uso di uno stratimetro, cioè d'un nuovo stromento per facilitare la determinazione della comune sezione di due strati o filoni o piani qualunque e di altri oggetti di geometria sotterranea. (Tract.) 4to. *Verona*, 1810.
- . Sui sistema geologici. (Tract.) 8vo. *Milan*, 1811.
- Pinkerton** (J.). Petralogy. A Treatise on Rocks. 2 vols. 8vo. *London*, 1811.

- Pinto de Almeida** (Agostinho José). Biographical Notices. See **ABREU** (José Maria d') and **CORDEIRO** (A. X. R.).
- . Principios de Geologia. (Tract.) 4to. *Coimbra*, 1838.
- Pirona** (Giulio Andrea). Cenni geognostici sul Friuli. (Tract.) 8vo. *Udine*, 1861.
- . Sulla fauna fossile giurese del Monte Cavallo in Friuli. (Tract.) 4to. *Venice*, 1878.
- Pisani** (F.). Traité élémentaire de minéralogie, précédé d'une préface par M. Des Cloizeaux. 8vo. *Paris*, 1875.
- Pisching** (A.). See **HOCHSTETTER** (F. von).
- Pissis** (A.). Mémoire sur les rapports qui existent entre la configuration des Continents et la direction des chaînes de Montagnes. (Tract.) 8vo. *Paris*, 1876.
- . Nitrate and Guano Deposits in the Desert of Atacama (Chile). 8vo. *London*, 1878.
- Pitcairn** (David). The Ages of the Earth. Biblical Testimonies to the Earth's antiquity and progressive development. 8vo. *London*, 1868.
- Pitt** (W. H.). See **GROTE** (Augustus R.).
- Pittard** (S. R.). Symmetry. (Tract.) 8vo. *London*, 1850.
- . Temporo-maxillary Articulation. (Tract.) 8vo. *London*, 1850.
- Plancus** (Janus). De conchis minus notis liber. Cui accessit specimen aestus reciproci Maris Superi ad littus portumque Arimini. Editio altera duplici appendice aucta. 4to. *Rome*, 1760.
- Plant** (John). Observations on two papers, by Rooke Pennington, "On the Ossiferous Deposit at Windy Knoll, near Castleton," and "On the Bone Caves in the neighbourhood of Castleton." (Tract.) 8vo. *Manchester*, 1875.
- and **Williamson** (Ezekiel). The Geology and Fossils of the Lingula Flags, or Primordial zone, of the Gold districts of North Wales. (Tract.) 8vo. *Manchester*, 1866.
- Platte** (Gabriel). A Discovery of all sorts of Mines and Minerals. (Tract.) 4to. *London*, 1679.
- . A Discovery of Subterranean Treasure; viz. of all manner of Mines and Minerals, etc. See **METALS**, **MINES**, and **MINERALS**.
- Plattner** (Karl Friedrich). Manual of Qualitative and Quantitative Analysis with the Blowpipe. Revised and enlarged by Prof. Th. Richter; edited by T. Hugo Cookesley. 8vo. *London*, 1875.
- Playfair** (John). Illustrations of the Huttonian Theory of the Earth. 8vo. *Edinburgh*, 1802.
- . Biographical Account of James Hutton. 4to. *Edinburgh*, 1805.
- . The Works of John Playfair, with a memoir of the Author. 4 vols. 8vo. *Edinburgh*, 1822.
- . See **HALL** (Basil).
- Playfair** (Lyon). On the National Importance of studying Abstract Science. 8vo. *London*, 1851.
- . Industrial Instruction on the Continent. (Tract.) 8vo. *London*, 1852.
- . See **BUNSEN** (R. W.), **JUKES** (J. Beete), and **REPORTS**, **PARLIAMENTARY**.

- Plews** (Henry T.). On the Coal-field of New South Wales.[†]
8vo. *Newcastle-on-Tyne*, 1858.
- Pleydell** (J. C. Mansel-). A Brief Memoir of the Geology of Dorset.
(Tract.) 8vo. *Blandford*, 1873.
- Plieninger** (Theodor). See MEYER (Hermann von).
- Pliny** (Caius Plinius Secundus). Pliny's Natural History. A translation on the basis of that by Dr. Philemon Holland. By Jonathan Couch.
2 vols. (Part in duplicate.) 8vo. *London*, 1852.
- . See BOSTOCK (John).
- Plomley** (Jenner). The Sun, its Structure and Economy explained. New Theory of the Geological Formation of the Earth. (Tract.)
8vo. (Privately printed.)
- Plot** (Robert). The Natural History of Oxfordshire, being an essay towards the natural history of England. 4to. *Oxford*, 1705.
- Plues** (Margaret). Geology for the Million. Edited by Edward Wood.
8vo. *London*, 1863.
- Plymley** (Joseph). General view of the Agriculture of Shropshire.
8vo. *London*, 1803.
- Plympton** (George W.). See JANNETTAZ (Edouard).
- Podrecca** (G. L.). Anton-Lazzaro Moro. . . . (Tract.)
8vo. *Padua*, 1858.
- Pogson** (N. R.). Report upon the proceedings of the Observatory, in connexion with the Total Eclipse of the Sun on August 18th, 1868, as observed at Masulipatam, Kupurthy, Madras, and other stations in Southern India. (Tract.)
8vo. *Madras?*, 1869.
- Pohl** (Johann Em.). Beyträge zur Gebirgskunde Brasiliens. (Tract.)
4to. *Vienna*, 1832.
- Pohl** (J. J.) and **Schabus** (J.). Tafeln zur Reduction der in Millimetern abgelesenen Barometerstände auf die Normaltemperatur von 0° Celsius. (Tract.)
8vo. *Vienna*, 1852.
- . Tafeln zur Vergleichung und Reduction der in verschiedenen Längenmassen abgelesenen Barometerstände. (Tract.)
8vo. *Vienna*, 1852.
- Poinsett** (Joel R.). Discourse on the Objects and Importance of the National Institution for the Promotion of Science, established at Washington, 1840. (Tract.)
8vo. *Washington*, 1841.
- Poirrier** (B.). Notice géologique et paléontologique sur la partie nord-est du département d'Allier. (Tract.)
8vo. *Cusset*, 1859.
- Pokorny** (Alois). See HANN (Julius).
- Polar Exploration**. See ARCTIC EXPLORATION.
- Pole** (William). Water-supply of London; from Weale's 'London in 1851.' (Tract.)
8vo. *London*, 1852.
- . Description of the Prismatic Clinometer; a new pocket instrument for measuring vertical angles. (Tract.)
8vo. *London*, 1853.
- . Diamonds. (Tract.) 2 copies. 8vo. *London*, 1861.
- Poli** (Baldassare). Sull' insegnamento dell' Economia politica o sociale in Inghilterra. (Tract.)
8vo. *Milan*, 1861.
- . Del lavoro messo a capitale e della sua applicazione agli scienziati e letterati italiani. (Tract.)
8vo. *Milan*, 1865.
- Poli** (Giuseppe Saverio). Memoria sul tremuoto de' 26 luglio del corrente anno 1805.
8vo. *Naples*, 1806.

- Pollini (Ciro).** Viaggio al lago di Garda e al Monte Baldo, in cui si ragiona delle cose naturali di quei luoghi, aggiuntovi un cenno sulle curiosità del Bolca e degli altri monti veronesi. (Tract.)
8vo. *Verona*, 1816.
- Polo (Marco).** I viaggi di Marco Polo, veneziano, tradotti per la prima volta dall' originale francese di Rusticiano di Pisa, e corredati d'illustrazioni e di documenti da Vincenzo Lazari, pubblicato per cura di Ludovico Pasini. 8vo. *Venice*, 1847.
- Pomel (A.).** Note sur Gergovia, ses basaltes, ses calcaires et ses fossiles. (Tract.) 8vo. *Paris*, 1845.
- . Note sur quelques phénomènes géologiques de la vallée de la Brems, près Saarlouis. (Tract.) 8vo. *Paris*, 1845.
- . Mémoire pour servir à la géologie paléontologique des terrains tertiaires du département de l'Allier. (Tract.) 8vo. *Paris*, 1846.
- . Quelques nouvelles considérations sur la paléontologie de l'Auvergne. (Tract.) 8vo. *Paris*, 1846.
- . Paléontologie, ou description des animaux fossiles de la Province d'Oran. Zoophytes. 5^e fascicule. Spongiaires.
4to. *Oran*, 1872.
- Pommereuil (—).** See BREISLAK (Scipion).
- Poncelet (J. V.), etc.** Rapport sur un mémoire de MM. Eugène Chevandier et Wertheim, ayant pour objet la recherche expérimentale des propriétés mécaniques du bois. (Tract.) 4to. *Paris*, 1847.
- Pond (J.).** See LAPLACE (P. S.).
- Pontoppidan (Erich).** The Natural History of Norway. Translated from the Danish. 4to. *London*, 1755.
- Ponzi (Giuseppe).** Osservazioni geologiche fatte lungo la Valle Latina. (Tract.) 2 copies. 8vo. *Rome*, 1849.
- . Sulla storia fisica del bacino di Roma, da servire di appendice all' opera ' Il suolo fisico di Roma ' di G. Brocchi. (Tract.)
8vo. *Rome*, 1850.
- . Descrizione della carta geologica della provincia di Viterbo. (Tract.) 4to. *Rome*, 1851.
- . Sopra un nuovo cono vulcanico rinvenuto nella Val di Cona. (Tract.) 4to. *Rome*, 1853.
- . Per il rinvenimento di uno scheletro di Elefante fossile fatto presso Rignano. (Tract.) 4to. *Rome*, 1858.
- . Sui lavori della strada ferrata di Cività Vecchia da Roma alla Magliana. (Tract.) 4to. *Rome*, 1858.
- . Sulla origine dell' alluminite e caolino della Tolfa. (Tract.)
4to. *Rome*, 1858.
- . Storia naturale del Lazio. (Tract.) 2 copies.
8vo. *Rome*, 1859.
- . Sulle correnti di lava scoperte dal taglio della ferrovia di Albano. (Tract.) 4to. *Rome*, 1859.
- . Società in partecipazione per la ricerca ed escavazione dei Carboni Fossili nel territorio di Tolfa. (Tract.) 4to. *Rome*, 1860.
- . Storia geologica del Tevere. (Tract.) 2 copies.
8vo. *Rome*, 1860.
- . Sul sistema degli Appennini. (Tract.) 2 copies.
8vo. *Rome*, 1861.

- Ponzi** (Giuseppe). Catalogo ragionato di una collezione di materiali da costruzione e di marmi da decorazioni dello Stato Pontificio ... per la Esposizione universale di Londra dell' anno 1862. (Tract.) 4to. *Rome*, 1862.
- . Il periodo glaciale e l'antichità dell' uomo. (Tract.) 4to. *Rome*, 1865.
- . Storia naturale dell' Agro pontino. (Tract.) 8vo. *Rome*, 1865.
- . La Tuscia romana e la Tolfa. (Tract.) 4to. *Rome*, 1877.
- . Le acque del bacino di Roma. (Tract.) 8vo. *Rome*, 1879.
- Poole** (Francis). Queen-Charlotte Islands, a narrative of discovery and adventure in the North Pacific. 8vo. *London*, 1872.
- Poole** (Henry S.). See **REPORTS, COLONIAL**. Nova Scotia.
- Poole** (Reginald Stuart). The Genesis of the Earth and of Man. 12mo. *Edinburgh*, 1856.
- Pooley** (Charles). Notes on Calmsden Cross [Gloucestershire]. (Tract.) 8vo. *Gloucester*, 1861.
- Pope** (John). Report of an Exploration of the Territory of Minnesota. (Tract.) 8vo. *Washington*, 1850.
- Popoff** (Alexander). Теорія Волнъ Wave Theory. (Tract.) 4to. *Kasan*, 1868.
- Porcupine Expedition**. Preliminary Report of the Scientific Exploration of the Deep Sea in H.M. Surveying-vessel 'Porcupine,' during the summer of 1869, conducted by Dr. Carpenter, J. Gwyn Jeffreys, and Prof. Wyville Thomson. (Tract.) 8vo. *London*, 1870.
- . See **DUNCAN** (Peter Martin).
- Porta** (Leonardo). Soluzione di un problema importantissimo in geologia, ed esame del flusso e riflusso del mare. (Tract.) 8vo. *Naples*, 1839.
- Portal** (Frédéric de). An essay on Symbolic Colours, in antiquity, the middle ages, and modern times. Translated, with notes, by W. S. Inman. 4to. *London*, 1845.
- Porter** (Henry). The Geology of Peterborough and its vicinity. 8vo. *Peterborough*, 1861.
- Porter** (Thomas C.). See **SURVEYS: UNITED STATES**.
- Portlock** (J. E.). Report on the Geology of the county of Londonderry and of parts of Tyrone and Fermanagh. (Ordnance Geological Survey.) 8vo. *Dublin and London*, 1843.
- . A rudimentary Treatise on Geology. 2nd edition. 12mo. *London*, 1853.
- . Memoir of the late Major-General Colby, with a sketch of the origin and progress of the British Trigonometrical Survey. (Tract.) 8vo. *London*.
- . Continuation of Memoir of the late Major-General Colby, with a sketch of the origin and progress of the British Trigonometrical Survey. (Tract.) 8vo. *London*.
- . See **MILITARY SCIENCES**.
- Posada** (Clemente Barrial). Estudio geológico de la region aurifera de Tacuarembó que comprende los distritos de Yaguari, de los Corrales y de Cuñapirú. (Tract.) 2 copies. 4to. *Paris and Montevideo*, 1878.
- Postlethwaite** (John). Mines and Mining in the Lake-district. (Tract.) 8vo. *Leeds*, 1877.

- Potenti** (Giuseppe). Légende des matières contenues dans la carte itinéraire, historique et statistique des chemins-de-fer et des autres voies de communication à vapeur de l'Europe centrale. Publiée par H. Vander Maelen. (Tract.) 8vo. *Brussels*, 1846.
- Pott** (J. H.). Lithogéognosie ou Examen chimique des pierres et des terres en général, etc. 12mo. *Paris*, 1753.
- . Continuation de la Lithogéognosie pyrotechnique. 12mo. *Paris*, 1753.
- Potter** (T. R.). The History and Antiquities of Charnwood Forest. With an appendix on the geology, botany, and ornithology of the district, by J. B. Jukes, Andrew Bloxam, and Churchill Babington. 4to. *London*, 1842.
- Potter** (W. B.). See SURVEYS: OHIO.
- Pötzsch** (Christian Gottlieb). Ausführliche mineralogische Beschreibung der Gegend um Meissen. 8vo. *Dresden*, 1779.
- . Bemerkungen und Beobachtungen über das Vorkommen des Granits in geschichteten Lagen oder Bänken, besonders in der Oberlausitz, und dessen relatives Alter, wie auch über den Sienit; etc. 8vo. *Dresden*, 1803.
- . Kurze Darstellung der Geschichte über das Vorkommen des gediegenen Eisens. 8vo. *Dresden*, 1804.
- Pouchet** (Georges). The Plurality of the Human Race. Translated and edited by Hugh J. C. Beavan. 8vo. *London*, 1864.
- Pouillet** (C. S. M.). Mémoire sur la chaleur solaire, etc. (Tract.) 4to. *Paris*, 1838.
- Pouletier de Verneuil** (Philippe-Edouard). See VERNEUIL (Philippe-Edouard Pouletier de).
- Pourtales** (L. F. de). Contributions to the Fauna of the Gulf-stream at great depths. (Tracts.) 8vo. *Cambridge, Mass.*, 1868-69.
- . See AGASSIZ (Alexander).
- Powell** (Baden). Revelation and Science. (Tract.) 8vo. *Oxford*, 1833.
- Powell** (J. W.). See SURVEYS: UNITED STATES. Exploring Expedition.
- Power** (John A.). See DURNFORD (James Cæsar).
- Powrie** (James) and **Lankester** (E. Ray). A Monograph of the Fishes of the Old Red Sandstone of Britain. [Palæontographical Society.] 4to. *London*, 1868 etc.
- Prado** (Casiano de). Mémoire sur la géologie d'Almaden, d'une partie de la Sierra Morena et des montagnes de Tolède; suivi d'une description des fossiles qui s'y rencontrent, par MM. de Verneuil et Barrande. (Tract.) 8vo. *Paris*, 1855.
- . Sur l'existence de la faune primordiale dans la chaîne Cantabrique, suivie de la description des fossiles, par MM. de Verneuil et Barrande. (Tract.) 2 copies. 8vo. *Paris*, 1860.
- . Descripcion fisica y geologica de la provincia de Madrid. 4to. *Madrid*, 1864.
- . Vadeon, Cain, la Canal de Trea. Ascension a los Picos de Europa, en la cordillera Cantabrica. (Tract.) 8vo. *Madrid*, 1860.
- Prarond** (E.). Antiquités antediluviennes récemment trouvées en France et en Angleterre. (Tract.) 8vo. *Abbeville*, 1859.
- Pratt** (Henry F. A.). The Genealogy of Creation. 8vo. *London*, 1861.

- Prestwich (Joseph).** On the Structure of the neighbourhood of Gamrie, Banffshire, particularly on the deposit containing Ichthyolites. (Tract.) 4to. *London*, 1835.
- . On the Geology of the Coal-field of Coalbrook Dale. (Tract.) 4to. *London*, 1840.
- . On the probable age of the London Clay, and its relations to the Hampshire and Paris Tertiary Systems, etc. (Tract.) 8vo. *London*, 1847.
- . On the geological conditions which determine the relative value of the Water-bearing Strata of the Tertiary and Cretaceous Series, and on the probability of finding in the lower members of the latter, beneath London, fresh and large sources of water-supply, etc. (Tract.) 8vo. *London*, 1850.
- . A geological inquiry respecting the Water-bearing Strata of the country around London, with reference especially to the Water-supply of the Metropolis. 8vo. *London*, 1851.
- . Mémoire sur la position géologique des sables et du calcaire lacustre de Rilly, Marne. (Tract.) 8vo. *Paris*, 1853.
- . On the distinctive Physical and Palæontological Features of the London Clay and Bracklesham Sands, etc. (Tract.) 8vo. *London*, 1854.
- . On the thickness of the London Clay; on the relative position of the fossiliferous beds of Sheppey, Highgate, Harwich, Newnham, Bognor, &c.; and on the probable occurrence of the Bagshot Sands in the Isle of Sheppey. (Tract.) 8vo. *London*, 1854.
- . On the correlation of the Eocene Tertiaries of England, France, and Belgium. (Tract.) 8vo. *London*, 1855.
- . On the Boring through the Chalk at Kentish Town, London. (Tract.) 8vo. *London*, 1856.
- . The correlation of the Eocene Tertiaries of England, France, and Belgium. (Tract.) 8vo. *London*, 1857.
- . The Ground beneath us, its Geological Phases and Changes; being three Lectures on the Geology of Clapham and the neighbourhood of London generally. 2 copies. 8vo. *London*, 1857.
- . On the age of some Sands and Iron-sandstones on the North Downs. With a note on the Fossils, by S. V. Wood. (Tract.) 8vo. *London*, 1858.
- . On the occurrence of Flint Implements, associated with the remains of extinct Mammalia, in undisturbed beds of a late geological period. (Tract.) 8vo. *London*, 1859.
- . On some new Facts in relation to the Section of the Cliff at Mundesley, Norfolk. (Tract.) 2 copies. 8vo. *London*, 1860.
- . On the presence of the London Clay in Norfolk, as proved by a Well-boring at Yarmouth. (Tract.) 8vo. *London*, 1860.
- . On the occurrence of Flint Implements, associated with the remains of animals of extinct species, in beds of a late Geological Period, in France at Amiens and Abbeville, and in England at Hoxne. (Tract.) 4to. *London*, 1861.
- . On the Loess of the valleys of the South of England and of the Somme and the Seine. (Tract.) 2 copies. 8vo. *London*, 1862.

- Prestwich (Joseph).** Theoretical considerations on the conditions under which the Drift-deposits containing the remains of extinct Mammalia and Flint Implements were accumulated; and on their geological age. (Tract.) 8vo. *London*, 1862.
- . On the Geological Position and Age of the Flint-Implement-bearing Beds, and on the Loess of the South-east of England and North-west of France. (Tract.) 2 copies. 4to. *London*, 1864.
- . On some further evidence bearing on the Excavation of the Valley of the Somme by River-action, as exhibited in a section at Drucat, near Abbeville. (Tract.) 8vo. *London*, 1864.
- . On the Quaternary Flint Implements of Abbeville, Amiens, Hoxne, &c., their geological position and history. (Tract.) 8vo. *London*, 1864.
- . Report on the Exploration of Brixham Cave, conducted by a Committee of the Geological Society, and under the superintendence of Wm. Pengelly; with Descriptions of the Animal Remains by George Busk, and of the Flint Implements by John Evans. (Tract.) 4to. *London*, 1873.
- . On the Geological Conditions affecting the construction of a Tunnel between England and France. (Tract.) 8vo. *London*, 1874.
- . Sur la structure des couches du crag de Norfolk et de Suffolk, etc. Traduit par Michel Mourlon. 8vo. *Brussels*, 1874.
- . Tables of Temperatures of the Sea at various depths below the surface, taken between 1749 and 1868; collated and reduced, with notes and sections. (Tract.) 8vo. *London*, 1874.
- . Tables of Temperatures of the Sea at different depths beneath the surface, reduced and collated from the various observations made between the years 1749 and 1868, discussed. 4to. *London*, 1875.
- . On the Origin of the Chesil Bank, etc. (Tract.) 8vo. *London*, 1875.
- . The Past and Future of Geology. (Tract.) 8vo. *London*, 1875.
- . On the Geological Conditions affecting the Water-supply to Houses and Towns, with special reference to the modes of supplying Oxford. (Tract.) 8vo. *Oxford and London*, 1876.
- . On the Mineral Water discovered in sinking the Artesian Well at St. Clement's, Oxford, etc. (Tract.) 8vo. *Oxford*, 1876.
- . On the origin of the Parallel Roads of Lochaber and their bearing on other phenomena of the Glacial Period. (Tract.) 4to. *London*, 1879.
- . See WATER SUPPLY: *London*.
- Preudhomme-de-Borre (A.).** See BORRE (A. Preudhomme de).
- Prévost (Constant).** Essai sur la constitution physique et géognostique du bassin à l'ouverture duquel est située la ville de Vienne en Autriche. Avec rapport sur le même par A. Brongniart. (Tract.) 2 copies. 4to. *Paris*, 1820.
- . Note sur un nouvel exemple de la réunion de coquilles marines et de coquilles fluviatiles fossiles dans les mêmes couches. (Tract.) 2 copies. 4to. *Paris*, 1821.
- . Observations sur les grès coquilliers de Beauchamp, etc. (Tract.) 4to. *Paris*, 1821.

- Prévost (Constant).** Les continents actuels ont ils été, à plusieurs reprises, submergés par la mer? (Tract.) 4to. *Paris*, 1827.
- . Introduction au rapport fait à l'Académie Royale des Sciences sur le voyage à l'île Julia, en 1831 et 1832. (Tract.) 2 copies. 8vo. *Paris*, 1832.
- . Documents pour l'histoire des terrains tertiaires. Avec voyage à l'île Julia, 1831 et 1832. 8vo. *Paris*, 1833?
- . Formation, Fossile, Géologie. (Tracts.) 8vo. *Paris*, 1840–48.
- . De la chronologie des terrains et du synchronisme des formations. (Tract.) 2 copies. 4to. *Paris*, 1845.
- . Notice supplémentaire sur les travaux de M. Constant Prévost: 1840 à 1847. (Tract.) 8vo. *Paris*, 1848.
- . Rapport sur un mémoire de M. Victor Raulin, intitulé: Nouvel essai d'une classification des terrains tertiaires de l'Aquitaine. (Tract.) 8vo. *Paris*, 1848.
- . Description géologique du littoral de la France. (Tract.) 4to. *Paris*, 1849.
- . Note sur l'apparition récente des Glaciers, sur leur maximum de développement en Europe, leur diminution et disparition. (Tract.) 4to. *Paris*, 1850.
- . Quelques propositions relatives à l'état originaire et actuel de la masse terrestre, etc. (Tract.) 4to. *Paris*, 1850.
- . Funérailles de M. de Blainville. (Tract.) 4to. *Paris*, 1850.
- . Remarques à l'occasion d'un mémoire de M. Elie de Beaumont, sur la corrélation des différents systèmes de montagnes. (Tract.) 4to. *Paris*, 1850.
- . Annonce de la découverte d'un oiseau fossile de taille gigantesque, trouvé à la partie inférieure de l'argile plastique des terrains parisiens. Avec remarques par MM. Hébert, Lartet, Valenciennes et Elie de Beaumont. (Tract.) 4to. *Paris*, 1855.
- . See COLLUMB (Ed.) and LECOQ (H.).
- and Desmarest (Anselme). Notes sur des empreintes de corps marins trouvées à Montmartre, dans plusieurs couches de la masse inférieure de la formation gypseuse. (Tract.) 8vo. *Paris*, 1809.
- Prévost (Florent).** See MUSEUMS: PARIS.
- Price (F. G. Hilton).** On the Lower Greensand and Gault of Folkestone. (Tract.) 8vo. *London*, 1876.
- . On the probable Depth of the Gault Sea. (Tract.) 8vo. *London*, 1876.
- . The Gault. (Tract.) 8vo. *London*, 1879.
- Prime (Frederick).** See COTTA (Bernhard von).
- Printing.** Specimens of Printing from the K.-k. Hof- und Staats-Druckerei, Vienna. (Tract.) 8vo. *Vienna*, 1853.
- Pruner (Franz).** Die Ueberbleibsel der altägyptischen Menschenrace. (Tract.) 4to. *Munich*, 1846.
- Prussia.** Abhandlung über die Produkte des Mineralreichs in den königlich preussischen Staaten und über die Mittel diesen Zweig des Staats-Haushaltes immer mehr empor zu bringen. 8vo. *Berlin*, 1786.
- Pryce (W.).** Mineralogia Cornubiensis; a treatise on minerals, mines, and mining. Fol. *London*, 1778.

- Przystanowski** (Rudolph von). Ueber den Ursprung der Vulkane in Italien. (Tract.) 2 copies. 8vo. *Berlin*, 1822.
- Pucheran** (—). See **MUSEUMS: PARIS**.
- Puggaard** (Cristopher). Uebersicht der Geologie der Insel Möen. (Tract.) 8vo. *Berne*, 1851.
- . Möens geologi populært fremstillet. 2 copies. 8vo. *Copenhagen*, 1851.
- . Geologie der Insel Möen; eine Untersuchung über die Umwälzungen der Kreide und der Glacialbildung sowie über die quaternären Ablagerungen und die erratischen Blöcke dieser Insel. (Tract.) 8vo. *Leipzig*, 1852.
- . To geologiske billeder af Stevns klint og Möens klint, et Bidrag til Danmarks geognostiske physiognomik. (Tract.) 4to. *Copenhagen*, 1852.
- . Deux vues géologiques, pour servir à la description géologique du Danemark. 2 copies. Fol. *Copenhagen*, 1853.
- . Description géologique de la péninsule de Sorrento, dans le royaume de Naples, etc. (Tract.) 8vo. *Copenhagen and Leipzig*, 1858.
- . Notice sur les calcaires plutonisés de la péninsule de Sorrento. (Tract.) 8vo. *Paris*, 1859.
- . Mémoire sur les calcaires plutonisés des Alpes Apuennes et du Monte Pisano. (Tract.) 2 copies. 8vo. *Paris*, 1860.
- Puillon de Boblaye** (Emile le). See **LE PULLON DE BOBLAYE** (Emile).
- Puini** (C.). See **Cocchi** (Igino).
- Pujoux** (J. B.). Minéralogie à l'usage des gens du monde. 8vo. *Paris*, 1813.
- Pumpelly** (Raphael). Notice of an account of Geological Observations in China, Japan, and Mongolia. (Tract.) 8vo. *New Haven*, 1866.
- . Metasomatic development of the Copper-bearing Rocks of Lake Superior. (Tract.) 8vo. *Boston*, 1878.
- Purslo** (Joshua). The Government of the Heavens. 8vo. *Edinburgh*, 1852.
- Pusch** (Georg Gottlieb). Geognostische Beschreibung von Polen, so wie der übrigen Nordkarpathen-Länder. 2 vols. 8vo. *Stuttgart and Tübingen*, 1833–36.
- . Polens Paläontologie etc. 4to. *Stuttgart*, 1837.
- Pusey** (Ph.). On the source and supply of Cubic Saltpetre, Salitre, or Nitrate of Soda, and its use in small quantities as a restorative to corn crops. 2nd edition. (Tract.) 8vo. *London*, 1853.
- Puy-de-Dôme**. Dictionnaire topographique des communes du département du Puy-de-Dôme. (Avec une carte par P. G. Chaulaire.) 12mo. *Paris*, 1814–15.
- Pycke** (—). Mémoire en réponse à la question. . . En quels temps les Corporations connues sous le nom de Métiers (Neeringingen en Ambachten) se sont-elles établies dans les provinces des Pays-Bas? Quels étaient les droits, privilèges et attributions de ces Corporations? Et par quels moyens parvenait-on à y être reçu et à en devenir membre effectif? (Tract.) 4to. *Brussels*, 1827.

Q.

Qualen (F. Wangenheim von). See WANGENHEIM VON QUALEN (F.).

Quantz (Johann Christian). See WILD (Fr. Sam.).

Quaritch (Bernard). Catalogue of books, in all classes of literature, many of them rare, valuable, and curious, offered for sale.

8vo. *London*, 1860.

——. Catalogue of books, arranged in classes, comprising all departments of literature, many of them rare, valuable, and curious, offered for sale.

8vo. *London*, 1864.

——. Monthly list of valuable, rare, and curious books, April 1865. (Tract.)

8vo. *London*, 1865.

——. A general Catalogue of Books, arranged in classes, offered for sale.

8vo. *London*, 1868.

——. ———. Supplement, 1875–1877.

8vo. *London*, 1877.

Quatrefages (A. de). Observations sur la mâchoire de Moulin-Quignon. (Tract.)

4to. *Paris*, 1863.

——. Sur la mâchoire humaine découverte par M. Boucher de Perthes dans le diluvium d'Abbeville. (Tract.)

4to. *Paris*, 1863.

Quekett (John). On the minute structure of a peculiar Combustible Mineral from the Coal-measures of Torbane Hill, near Bathgate, Linlithgowshire. (Tract.)

8vo. *London*, 1854.

——. Catalogue of the whole of *his* highly interesting and important collections. (Tract.)

8vo. *London*, 1861.

Quenstedt (Friedrich August). Das Flözgebirge Württembergs. Mit besonderer Rücksicht auf den Jura.

8vo. *Tübingen*, 1843.

——. Ueber *Lepidotus* im Lias Württembergs. (Tract.)

4to. *Tübingen*, 1847.

——. Verzeichniss der Doktoren, welche die philosophische Fakultät in Tübingen unter *seinem* Decanate 1847–48 ernannt hat; nebst Beiträgen zur rechnenden Krystallographie. (Tract.)

4to. *Tübingen*, 1848.

——. Petrefactenkunde Deutschlands. Abtheilung I. Band I.–VI. (the last incomplete).

8vo; Atlases, fol. *Leipzig*, 1849 *etc.*

I. Cephalopoden. 1849.

II. Brachiopoden. 1868–71.

III. Echinodermen (Echiniden). 1872–75.

IV. Echinodermen (Asteriden und Encriniden). 1875–76.

V. Korallen (Schwämme). 1877–78.

VI. Korallen (Röhrenkorallen). 1878 *etc.*

——. Handbuch der Petrefaktenkunde. 2 vols.

8vo. *Tübingen*, 1852.

——. Handbuch der Petrefaktenkunde. 2 vols. Text and atlas.

8vo. *Tübingen*, 1867.

——. Ueber *Pterodactylus suevicus* im lithographischen Schiefer Württembergs. (Tract.)

8vo. *Tübingen*, 1855.

——. Der Jura.

8vo. *Tübingen*, 1858.

——. Ueber die Gränzen der Muschelkalkformation. (Tract.)

8vo. *Tübingen*, 1849.

——. Klar und Wahr.

8vo. *Tübingen*, 1872.

——. Epochen der Natur.

8vo. *Tübingen*, 1877.

——. Handbuch der Mineralogie.

8vo. *Tübingen*, 1877.

- Quentin (Ch.).** An account of Paraguay: its History, its People, and its Government. From the French. (Tract.) 8vo. *London*, 1865.
- Quetelet (Ernest).** See QUETELET (L. Adolphe J.).
- Quetelet (Lambert Adolphe Jacques).** Mémoire sur les variations diurne et annuelle de la température, etc. (Tract.) 2 copies.
4to. *Brussels*, 1837.
- . Résumé des observations sur la météorologie, sur le magnétisme, sur les températures de la terre, sur la floraison des plantes, etc., faites à l'Observatoire Royal de Bruxelles en 1840.—Comparaisons barométriques faites à Bruxelles et dans le nord de l'Europe, par A. Bravais et Ch. Martins. (Tract.) 4to. *Brussels*, 1841.
- . Nouveau catalogue des principales apparitions d'étoiles filantes. (Tract.) 4to. *Brussels*, 1842.
- . Instructions pour l'observation des phénomènes périodiques. (Tract.) 2 copies. 4to. *Brussels*, 1842.
- . Phénomènes périodiques. (Tract.) 8vo. *Brussels*, 1843.
- . Sur l'emploi de la boussole dans les mines. (Tract.) 8vo. *Brussels*, 1843.
- . Sur l'état et les travaux de l'Observatoire Royal, pendant l'année 1848. (Tract.) 8vo. *Brussels*, 1848.
- . Sur le climat de la Belgique. 4to. *Brussels*, 1848-49.
- . Instructions pour l'observation des phénomènes périodiques. (Tract.) 4to. *Brussels*, 1853.
- . Sur l'électricité des nuages orageux. (Tract.) 8vo. *Brussels*, 1854.
- . Observations des passages de la Lune et des étoiles de même culmination. (Tract.) 8vo. *Brussels*, 1857.
- . Rapport adressé à M. le Ministre de l'Intérieur sur l'état et les travaux de l'Observatoire Royal pendant l'année 1856. (Tract.) 8vo. *Brussels*, 1857.
- . Sur les travaux de l'ancienne Académie de Bruxelles. (Tract.) 8vo. *Brussels*, 1859.
- . Statistique et Astronomie. (Tract.) 8vo. *Brussels*.
- . Sur la relation entre les températures et la durée de la végétation des plantes. (Tract.) 8vo. *Brussels*.
- . Sur le congrès international de statistique, tenu à Londres le 16 Juillet, 1860, et le cinq jours suivant. (Tract.) 4to. *Brussels*, 1860.
- . Sur les phénomènes périodiques des plantes et des animaux. (Tract.) 8vo. *Brussels*, 1860.
- . Observations des phénomènes périodiques (faites en 1859 et 1860). (Tracts.) 4to. *Brussels*, 1860-61.
- . Phénomènes périodiques: Magnétisme, Astronomie. (Tract.) 8vo. *Brussels*, 1860.
- . (Observations par M. E. Quetelet, d'une comète nouvelle, faites pendant le mois de Juillet, 1861.) (Tract.) 8vo. *Brussels*, 1861.
- . Sur le système décimal. (Tract.) 8vo. *Brussels*, 1861.
- . Sur la statistique générale des différents pays. (Tract.) 8vo. *Brussels*, 1861.
- . Résumé des observations sur la météorologie et sur le magnétisme terrestre, faites à l'Observatoire Royal de Bruxelles en 1861 et 1862. (Tract.) 8vo. *Brussels*, 1862-63.

- Quetelet** (Lambert Adolphe Jacques). Histoire des sciences mathématiques et physiques chez les Belges. 8vo. *Brussels*, 1864.
- . Paroles prononcées lors des funérailles de M. Jean Kickx. (Tract.) 8vo. *Brussels*, 1864.
- . Observations des phénomènes périodiques pendant l'années 1863 et 1865–1866. (Tracts.) 4to. *Brussels*, 1864–67.
- . Etoiles filantes du milieu de Novembre 1867, et état de l'atmosphère à la même époque. (Tract.) 8vo. *Brussels*, 1867.
- . Sur les étoiles filantes périodiques du mois d'Août 1867, etc. (Tract.) 8vo. *Brussels*, 1867.
- . Notice sur le congrès statistique de Florence en 1867. 8vo. *Brussels*, 1867 ?
- . Observations des phénomènes périodiques pendant les années 1867 et 1868. 8vo. *Brussels*, 1868.
- . Notice de Sir John F. W. Herschel, Associé de l'Académie Royale de Belgique. (Tract.) 8vo. *Brussels*, 1870.
- . Observations des phénomènes périodiques des plantes et des animaux pendant les années 1861 et 1862. (Tract.) 4to. *Brussels*, 1870.
- . Premier siècle de l'Académie Royale de Belgique. 8vo. *Brussels*, 1872.
- . Notices extraites de l'annuaire de l'Observatoire Royal de Bruxelles pour 1873. (Tract.) 12mo. *Brussels*, 1874.
- Quin** (L. Charles). Le Havre avant l'histoire et l'antique ville de l'Eure. (Tract.) 8vo. *Havre*, 1876.
- Quiner** (E. B.). City of Watertown, Wisconsin : its manufacturing and railroad advantages, and business statistics. (Tract.) 8vo. *Watertown*, 1856.
- Quoy** (Jean René Constant) and **Gaimard** (Paul). Mémoire de l'accroissement des Polypes lithophytes considéré géologiquement. (Tract.) 8vo. *Paris*, 1825.

R.

- R***** (E.). Some account of the late M. Guinaud, optician of Brenets, in Switzerland, [and of his] Discovery in the Manufacture of Flint Glass. Translated from the French. (Tract.) 8vo. *Dublin*, 1825.
- R***** (F. W.). Agricultural Notes and Queries on Dr. Livingstone's Researches. (Tract.) 8vo. *Cape Town*, 1857.
- R***** (J. H.). Land Shells of Jamaica. (Tract.) 8vo. *New Haven*, 1850.
- Rackett** (Thomas). See **MATON** (William George).
- Racknitz** (J. F. zu). Schreiben an einen Freund über den Basalt. (Tract.) 8vo. *Dresden*, 1790.
- Rae** (John). See **REPORTS, COLONIAL**. New South Wales.
- Railway Tunnels**. Reports on the Primrose Hill and Leeds and Selby Railway-Tunnels. Fol. *London*, 1837.
- Raimondi** (A.). El departamente de Ancachs y sus riquezas minerales. 4to. *Lima*, 1873.
- . Minéraux du Pérou. Catalogue raisonné d'une collection des principaux types minéraux de la république, etc. Traduit de l'espagnol par J. B. H. Martinet. 8vo. *Paris*, 1878.
- Raleigh** (Sir Walter). History of the World. 4to.

- Ramage** (Craufurd Tait). Account of Dr. Grierson's Museum. (Tract.) 8vo. *Glasgow*, 1875.
- Ramchundra**. A treatise on Problems of Maxima and Minima, solved by Algebra. [Calcutta, 1850.] Reprinted under the superintendence of A. de Morgan. 8vo. *London*, 1859.
- Ramdonck** (— van). Sur les ossements fossiles trouvés dans les environs de Saint-Nicolas. Rapport de M. H. Nyst. (Tract.) 8vo. *Brussels*, 1859.
- Rames** (J. B.), **Garrigou** (Félix), and **Filhol** (H.). L'homme fossile des cavernes de Lombrive et de Lherm (Ariège), avec une introduction historique et critique. (Tract.) 8vo. *Toulouse*, 1862.
- Rammell** (Thomas Webster). See **REPORTS, PARLIAMENTARY**. Water Supply.
- Rammelsberg** (Carl F.). Ueber die Zusammensetzung des Berthierits von Bräunsdorf bei Freiberg. (Tract.) 8vo. *Leipzig*, 1837.
- . Mineralogisch-chemische Notizen über Stilpnomelan, schwefelsaure Thonerde und schwefelsaures Eisenoxyd. (Tract.) 8vo. *Leipzig*, 1838.
- . Ueber die Substanzen, welche mit den Namen Haarsalz und Federalaun bezeichnet werden. (Tract.) 8vo. *Leipzig*, 1838.
- . Ueber die wahre Zusammensetzung des natürlichen oxalsäuren Eisenoxyduls oder des Humboldtits, verglichen mit der des künstlichen. (Tract.) 8vo. *Leipzig*, 1839.
- . Ueber die chemische Zusammensetzung des Datoliths und des Botryoliths. (Tract.) 8vo. *Leipzig*, 1839.
- . Ueber ein Fossil aus dem Basalt von Stolpen. (Tract.) 8vo. *Leipzig*, 1839.
- . Ueber die Identität des Thomsonits und Comptonits. (Tract.) 8vo. *Leipzig*, 1839.
- . Versuch, die chemische Zusammensetzung des Axinit zu bestimmen. (Tract.) 8vo. *Leipzig*, 1840.
- . Ueber die chemische Zusammensetzung des Eudialyts. (Tract.) 8vo. *Leipzig*, 1844.
- . Untersuchung einiger natürlichen und künstlichen Verbindungen der Phosphorsäure. (Tract.) 8vo. *Berlin*, 1845.
- . Handbuch der Mineralchemie. 8vo. *Leipzig*, 1860.
- . ———. 2nd edition. 2 vols. 8vo. *Leipzig*, 1875.
- . See **PALMIERI** (Luigi).
- Ramond** (L.). Voyages au Mont-Perdu et dans la partie adjacente des Hautes-Pyrénées. 8vo. *Paris*, 1801.
- . See **COXE** (W.).
- Ramsay** (Alexander). The Rudiments of Mineralogy; a concise view of the general properties of minerals. 8vo. *London*, 1868.
- Ramsay** (Andrew Crombie). The Geology of the Island of Arran from original survey. (Tract.) 8vo. *Glasgow*, 1841.
- . Passages in the History of Geology. (Tract.) 8vo. *London*, 1848.
- . ———. (Tract.) 2 copies. 8vo. *London*, 1849.
- . On the Science of Geology and its applications. 8vo. *London*, 1852.
- . The Old Glaciers of Switzerland and North Wales. 8vo. *London*, 1859.
- . ———. 8vo. *London*, 1860.

- Ramsay** (Andrew Crombie). The Excavation of the Valleys of the Alps. (Tract.) 8vo. *London*, 1862.
- . The Physical Geography of Great Britain; a course of six lectures delivered in January and February 1863, in the Museum of Practical Geology, Jermyn Street. 8vo. *London*, 1863.
- . ———. 2nd edition. 8vo. *London*, 1864.
- . ———. 3rd edition. 8vo. *London*, 1872.
- . ———. 5th edition. 8vo. *London*, 1878.
- . Sir Charles Lyell and the Glacial Theory of Lake-Basins. (Tract.) 8vo. *London*, 1865.
- . [Les inondations en Italie] Il fiume Po. (Tract.) 8vo. *Turin*, 1873.
- . See SURVEYS: ENGLAND AND WALES, GREAT BRITAIN, and MUSEUM OF PRACTICAL GEOLOGY.
- Ramsay** (James). See BRITISH ASSOCIATION. Glasgow Guide Books.
- Rang** (Sander) and **Des Moulins** (Charles). Description de trois genres nouveaux de coquilles fossiles du terrain tertiaire de Bordeaux. (Tract.) 8vo. *Bordeaux*, 1828.
- Ranger** (W.). Report to the Local Board of Health, Southampton, on the various sources of Water Supply. 8vo. *Southampton*, 1851.
- Rapide Expedition to Cayenne**. See DESLONGCHAMPS (Eugène Eudes-).
- Rask** (E.). Danish Grammar for Englishmen. 2nd edition. Edited by T. G. Repp. 8vo. *London*, 1847.
- Raspail** (François Vincua). Histoire naturelle des Bélemnites. (Tract.) 8vo. *Paris*, 1829.
- Raspe** (Rudolph Eric). Specimen historiae naturalis globi terraquei, præcipue de novis e mari natis insulis, etc. 8vo. *Amsterdam and Leipzig*, 1763.
- . An account of some German Volcanos, and their productions, etc. (Tract.) 2 copies. 8vo. *London*, 1776.
- . See BORN (Ignaz von).
- Rathbun** (Richard). On the Devonian Brachiopoda of Ereré, province of Pará, Brazil. [Morgan Expeditions, 1870–1871.] (Tract.) 8vo. *Buffalo*, 1874.
- See also HARTT (Ch. Fred.).
- . Preliminary Report on the Cretaceous Lamellibranchs collected in the vicinity of Pernambuco, Brazil. [Morgan Expedition, 1870.] (Tract.) 8vo. *Boston*, 1875.
- Rau** (Ambrosius). Bemerkungen über das naturhistorische Mineralsystem des Herrn Friedrich Mohs. 2 copies. 8vo. *Würzburg*, 1821.
- Raulin** (Victor). Notice sur la disposition des terrains tertiaires des plaines de l'Allier et de la Loire. (Tract.) 8vo. *Paris*, 1842.
- . Note sur la carte géognostique du plateau tertiaire parisien. (Tract.) 8vo. *Paris*, 1843.
- . Notice explicative de la carte géognostique du plateau tertiaire parisien. (Tract.) 8vo. *Paris*, 1843.
- . Géologie de la France. 8vo. *Paris*, 1844.
- . Réponses aux objections faites par M. Pissis à la notice sur la disposition des terrains tertiaires des plaines de l'Allier et de la Loire. (Tract.) 8vo. *Paris*, 1844.

- Raulin** (Victor). *Projet de classification minéralogique.* (Tract.)
8vo. *Bordeaux*, 1854.
- . *Description physique de l'île de Crète.* 2 vols.
8vo. *Bordeaux*, 1859.
- . *Notice sur les travaux scientifiques de M. Cordier.* (Tract.)
8vo. *Bordeaux*, 1862.
- . *Eléments de Géologie.* [Géologie de France.]
8vo. *Paris*, 1868.
- Raumer** (Karl von). *Geognostische Fragmente.* (Tract.)
8vo. *Nuremberg*, 1811.
- . *Der Granit des Riesengebirges und die ihn umgebenden Gebirgs-Familien.* (Tract.)
8vo. *Berlin*, 1813.
- . *Das Gebirge Nieder-Schlesiens, der Grafschaft Glatz und eines Theils von Böhmen und der Ober-Lausitz, etc.*
8vo. *Berlin*, 1819.
- . *Vermischte Schriften.*
8vo. *Berlin*, 1819.
- . *Versuch eines A b c-Buchs der Krystallkunde.* 1^{er} Theil.
8vo. *Berlin*, 1820.
- . *Nachträge zu dem A b c-Buche der Krystallkunde.*
8vo. *Berlin*, 1821.
- . *Ueber den Unterricht in der Naturkunde auf Schulen.* (Tract.)
8vo. *Berlin*, 1823.
- . See **ENGELHARDT** (Moritz von).
- Ravergie** (—). *Notice minéralogique sur le massif d'Alger.* See
ALGERIA.
- Ray** (John). *Three Physico-Theological Discourses.* 2nd edition.
8vo. *London*, 1693.
- . ———. 3rd edition.
8vo. *London*, 1713.
- . ———. 4th edition.
8vo. *London*, 1732.
- . *Philosophical Letters between the late learned Mr. Ray and several of his ingenious correspondents, natives and foreigners. To which are added those of Francis Willughby, Esq. Published by W. Derham, F.R.S.*
8vo. *London*, 1718.
- . *The wisdom of God manifested in the works of the Creation.*
Edited by the Wernerian Club. 8vo. *London*, 1844-46.
- . *Miscellaneous discourses concerning the Dissolution and Changes of the World.* (Tract.)
8vo. *London*, 1850.
- . *The correspondence of John Ray: consisting of selections from the philosophical letters published by Dr. Derham, and original letters of John Ray. Edited by Edwin Lankester.* [Ray Society.]
8vo. *London*, 1848.
- Raymond** (Rossiter W.). *Mineral resources of the States and Territories of the Rocky Mountains.*
8vo. *Washington*, 1869.
- Raynolds** (W. F.). *Report on the Exploration of the Yellowstone River.*
8vo. *Washington*, 1868.
- Razoumowsky** (Grégoire de). *Voyage minéralogique et physique de Bruxelles à Lausanne fait in 1782.*
8vo. *Lausanne*, 1783.
- . *Voyages minéralogiques dans le gouvernement d'Aigle et une partie du Vallais.*
8vo. *Lausanne*, 1784.
- . *Essai d'un système des transitions de la nature dans le règne minéral.*
12mo. *Lausanne*, 1785.

- Razoumowsky** (Grégoire de). Histoire naturelle du Jorat et de ses environs, etc. 2 vols. 8vo. *Lausanne*, 1789.
- . Coup-d'œil géognostique sur le nord de l'Europe en général, et particulièrement de la Russie. (Tract.) 8vo. *St. Petersburg*, 1816.
- . ———. 2^e édition. 8vo. *Berlin*, 1819.
- Read** (Daniel). An Address, delivered before the Regents, Faculty, and Students of the University, upon the occasion of his inauguration as Professor of Mental Philosophy, Logic, Rhetoric, and Didactics, in the University of Wisconsin. (Tract.) 8vo. *Madison*, 1856.
- Read** (M. C.). See SURVEYS: OHIO.
- Reade** (J. B.). Observations on some new Organic Remains in the Flint of Chalk. (Tract.) 8vo. *London*, 1838.
- Reade** (T. Mellard). Post-glacial Geology of Lancashire and Cheshire. (Tract.) 8vo. *Liverpool*, 1871.
- . The Buried Valley of the Mersey. (Tract.) 8vo. *Liverpool*, 1872.
- . Tidal Action as a geological cause. (Tract.) 8vo. *Liverpool*, 1874.
- . Papers on Glacial Geology. (Tract.) 8vo. *Liverpool*, 1875.
- . The Moon and the Earth. (Tract.) 8vo. *London*, 1876.
- . On Geological Time. [Presidential Address to the Liverpool Geological Society, 1876–77.] (Tract.) 8vo. *Liverpool*, 1877.
- . Third Report of the (British Association) Committee for Investigating the Circulation of the Underground Waters in the New Red Sandstone and Permian Formations of England, etc. (Tract.) 8vo. *London*, 1877.
- . Some further notes on the Submarine Forest at the Alt Mouth. (Tract.) 8vo. *Liverpool*, 1877–78.
- . On a Section through Glazebrook Moss, Lancashire. (Tract.) 8vo. *London*, 1878.
- . The Age of the World. (Tract.) 8vo. *London*, 1878.
- . The Submarine Forest at the Alt Mouth. (Tract.) 8vo. *London*, 1878.
- . The Trees of the Post-glacial Forest-beds in the neighbourhood of Liverpool. (Tract.) 8vo. *Liverpool*, 1878.
- . Notes on the Scenery and Geology of Ireland. (Tract.) 8vo. *Liverpool*, 1879.
- Readwin** (T. Allison). The Gold Discoveries in Merionethshire; and a mode of its economic extraction. (Tract.) 8vo. *Manchester*, 1860.
- . List of Gold Ores from Merionethshire, North Wales . . . International Exhibition, 1862. (Tract.) 8vo. *London*? [imp. *Manchester*], 1862.
- . On the Gold-bearing Strata of Merionethshire. (Tract.) 8vo. *Manchester*, 1862.
- . On the recent Discovery of Gold at Gwynfynydd, Merionethshire. (Tract.) 8vo. *Bala*, 1865.
- . An Index to Mineralogy. (Tract.) 8vo. *London*, 1867.
- . See EXHIBITION OF 1862. *London*.
- Rebello de Carvalho** (José Pinto). Considerações geraes sobre a constituição geologica de Alto-Douro. (Tract.) 8vo. *Oporto*, 1848.
- Redfern** (Peter). See LANKESTER (Edwin).

- Redfield** (William C.). Biographical Notice. See **OLMSTED** (Denison).
- . On the Courses of Hurricanes, with notices of the Tyfoons of the China Sea, and other storms. (Tract.) 8vo. *New Haven*, 1838.
- . Some account of two visits to the Mountains in Essex County, New York, in the years 1836 and 1837, etc. (Tract.) 8vo. *Philadelphia*, 1838.
- . Observations in relation to Cyclones of the Western Pacific: embraced in a communication to Commodore Perry. (Tract.) 4to.
- . Reply to Dr. Hare's further objections relating to Whirlwind Storms. (Tract.) 8vo. *New Haven*, 1842.
- . Remarks on Tides and the prevailing currents of the Ocean and Atmosphere. (Tract.) 8vo. *New Haven*, 1843.
- . Ice in the North Atlantic. (Tract.) 8vo. *New York*, 1844.
- . On three several Hurricanes of the Atlantic, and their relations to the Northers of Mexico and Central America, etc. (Tract.) 8vo. *New Haven*, 1846.
- . On the first Hurricane of September 1853, in the Atlantic; with a Chart; and notices of other storms. (Tract.) 8vo. *New Haven*, 1854.
- . On the Relations of the Fossil Fishes of the Sandstone of Connecticut and other Atlantic States to the Liassic and Oolitic Periods. (Tract.) 8vo. *New Haven*, 1856.
- Redman** (John Baldry). On the Alluvial Formations, and local changes, of the South Coast of England. (Tract.) 8vo. *London*, 1854.
- Red River**. Natural History of the Red River of Louisiana. By E. Hitchcock; G. C. Shumard; B. F. Shumard; R. B. Marcy; S. F. Baird; C. Girard; C. B. Adams; J. Torrey; and W. W. Turner. (Tract.) 8vo. *Washington*, 1853.
- Reeks** (Trenham). See **SURVEYS: GREAT BRITAIN**. Museum of Practical Geology.
- Rees** (Abraham). The Cyclopædia; or, Universal Dictionary of Arts, Sciences, and Literature. 39 vols., and plates, 6 vols. 4to. *London*, 1819.
- Rees** (G. O.). On the supposed existence of Fluoric Acid as an ingredient in certain animal matters. (Tract.) 8vo. *London*, 1839.
- . See **BERZELIUS** (J. J.).
- Reeve** (Lovell Augustus). *Conchologia Iconica: or, Illustrations of the Shells of Molluscous Animals*. 20 vols. 4to. *London*, 1843–78.
- . On the Geographical Distribution of the *Bulimi*, a genus of terrestrial Mollusca, and of the modification of their shell to the local physical conditions in which the species occur. (Tract.) 8vo. *London*, 1851.
- . Elements of Conchology, an introduction to the Natural History of Shells and of the Animals which form them. 2 vols. 8vo. *London*, 1860.
- . A Revision of the History, Synonymy, and Geographical Distribution of the recent *Terebratulæ*. (Tract.) 8vo. *London*, 1861.
- . See **BELCHER** (Sir Edward), **CATLOW** (Agnes), and **SAMARANG EXPEDITION**.
- Regenfuss** (Franz Michael). Auserlesene Schnecken, Muscheln und andre Schaalthiere. Fol. *Copenhagen*, 1758.

- Reichardt** (Georg). Verzeichniss der über Bergbau und Hüttenkunde, Salinenwesen, Mineralogie, Geognosie und Geologie erschienenen Bücher, Karten und Zeichnungen. (Tract.) 8vo. *Eisleben*, 1840–41.
- . 2^{er} Nachtrag. (Tract.) 8vo. *Eisleben*, 1852.
- Reichel** (Christoph Carl). De Terminis Metallariorum a suggesto sacro haud alienis. (Tract.) 4to. *Wittenberg*, 1748.
- . Diatribe de Vegetabilibus petrifactis. (Tract.) 4to. *Wittenberg*, 1750.
- Reichel** (C. F.). Die Basalte und säulenförmigen Sandstein der Zittauer Gegend in Sachsen und Böhmen. Map. Fol. *Leipzig*, 1852.
- Reichenbach** (Karl). Geologische Mittheilungen aus Mähren. 8vo. *Vienna*, 1834.
- Reichenbach** (Ludwig). Gäa von Sachsen. Einleitung in die Flora von Sachsen. Herausgegeben von Hans Bruno Geinitz. 8vo. *Dresden and Leipzig*, 1843.
- Reichertzer** (Franz). Anleitung zur Geognosie, insbesondere zur Gebirgskunde. 8vo. *Vienna*, 1812.
- Reid** (D. B.). Text-book for Students of Chemistry. 2nd edition. 8vo. *Edinburgh*, 1836.
- Reid** (G. H.). An Essay on New South Wales, the Mother Colony of the Australias. 8vo. *Sydney*, 1876.
- Reid** (William). The Progress of the Development of the Law of Storms, and of the Variable Winds, with the practical application of the subject to Navigation. 8vo. *London*, 1849.
- Reilly** (A. Adams-). The Chain of Mont Blanc. (Map.) 12mo. *London*, 1863–64.
- Reimarus** (J. A. H.). Ueber die Bildung des Erdballes, und insbesondere über das Lehrgebäude des Herrn de Luc. 2 copies. 12mo. *Hamburg*, 1802.
- Reinecke** (I. C. M.). Maris protogaei Nautilos et Argonautas vulgo Cornua Ammonis in agro Coburgico et vicino reperiundos descripsit, etc. 12mo. *Coburg*, 1818.
- Reinking** (C.). Notizen gesammelt bei dem Betriebe des Hohofens, Kupolofens und der Frischfeuer bei herzoglich braunschweigischer Carlshütte. (Tract.) 8vo. *Göttingen*, 1841.
- Reinwardt** (Caspar Georg Karl). Oratio de augmentis quae historiae naturali ex Indiae investigatione accesserunt. (Tract.) 4to. *Leyden*, 1823.
- . Oratio de Geologiae ortu et progressu. (Tract.) 4to. *Leyden*, 1833.
- . See FREMERIJ (N. C. de) and SWELLENGREEVE (—).
- Reinwarth** (C.). Ueber die Steinsalzablagerung bei Stassfurt und die dortige Kali-Industrie, sowie über die Bedeutung derselben für Gewerbe und Landwirthschaft. (Tract.) 8vo. *Dresden*, 1871.
- Reiss** (W.). See FRITSCH (K. von).
- Renard** (Alphonse). See DEWALQUE (G.).
- Renault** (B.). Etudes sur la *Sigillaria spinulosa* et sur le genre *Myelopteris*. 4to. *Paris*, 1875.
- Renckewitz** (Balthasar). Entwurf oder bergmännische Nachrichten von dem Bergwerke zum Schaffenberg, etc. 8vo. *Leipzig*, 1745.

- Renevier (E.).** Note sur le terrain néocomien qui borde le pied du Jura de Neuchâtel à La Sarraz. (Tract.) 8vo. *Lausanne*, 1853.
- . Mémoire géologique sur la perte du Rhône. (Tract.) 4to. *Zurich*, 1854.
- . Seconde note sur la géologie des Alpes vaudoises. (Tract.) 8vo. *Lausanne*, 1855.
- . Résumé des travaux de M. D. Sharpe sur le clivage et la foliation des roches. (Tract.) 8vo. *Lausanne*, 1855.
- . Note sur la synonymie de la *Natica rotundata* et remarques sur quelques points de la géologie de l'Angleterre. (Tract.) 8vo. *Lausanne*, 1856.
- . Notices géologiques et paléontologiques sur les Alpes vaudoises. Parts I.-VI. 8vo. *Lausanne*, 1864-78.
- See also PICTET (F. J.).
- . Quelques observations géologiques sur les Alpes de la Suisse centrale, comparées aux Alpes vaudoises. (Tract.) 8vo. *Lausanne*, 1868.
- . Coupes géologiques des deux flancs du bassin d'Yverdon. (Tract.) 8vo. *Lausanne*, 1869.
- . Tableau des terrains sédimentaires formés pendant les époques de la phase organique du globe terrestre, avec leurs représentants en Suisse et dans les régions classiques, leurs synonymies et les principaux fossiles de chaque étage. (Tract.) 2 copies. 4to. *Lausanne*, 1874.
- . Observations sur le 'Cours de Géologie comparée' de Stanislas Meunier. (Tract.) 8vo. *Lausanne*, 1875.
- . Sur les terrains de la perte du Rhône. (Tract.) 8vo. *Paris*, 1875.
- . Relations du pliocène et du glaciaire aux environs de Côme. (Tract.) 8vo. *Paris*, 1876.
- . Etat du Musée géologique de Lausanne en 1876. (Tract.) 8vo. *Lausanne*, 1877.
- . Notice sur les blocs erratiques de Monthey (Valais). (Tract.) 8vo. *Lausanne*, 1877.
- . Notice sur ma carte géologique de la partie sud des Alpes vaudoises et régions limitrophes. (Tract.) 8vo. *Geneva*, 1877.
- . Sur la géologie des environs de Bex. (Tract.) 8vo. *Bex*, 1877.
- . Le Musée géologique de Lausanne en 1877. (Tract.) 8vo. *Lausanne*, 1878.
- . Notice sur l'ouvrage de M. Heim intitulé 'Mechanismus der Gebirgsbildung,' etc. (Tract.) 8vo. *Geneva*, 1878.
- . Structure géologique du massif du Simplon. (Tract.) 8vo. *Lausanne*, 1878.
- . Découverte d'un silicate gélatineux naturel. (Tract.) 8vo. *Lausanne*, 1879.
- . Le gypse des environs de Menaggio (Lac de Côme). (Tract.) 8vo. *Lausanne*, 1879.
- . Le Musée géologique de Lausanne en 1878. (Tract.) 8vo. *Lausanne*, 1879.
- . Partie culminante de l'ancienne moraine frontale du glacier du Rhône sur les flancs du Jura. (Tract.) 8vo. *Lausanne*, 1879.

- Renevier (E.).** 1^{er} Compte-rendu de la commission géologique internationale pour l'unification des procédés graphiques. (Tract.)
8vo. *Lausanne*, 1879.
- . Renseignements géographiques et géologiques sur le sud de l'Afrique; extraits des lettres du missionnaire P. Berthoud. (Tract.)
8vo. *Lausanne*, 1879?
- . Résumé du mémoire de M. le Professeur Torq. Taramelli sulla formazione serpentinosi dell' Apennino Pavese. (Tract.)
8vo. *Geneva*, 1879.
- . See HÉBERT (Ed.) and PICTET (F. J.).
- and Delaharpe (Ph.). Excursions géologiques dans les Alpes valaisannes et vaudoises. I. Dent-du-Midi, Bas-Valais. II. Houille kimméridgienne du Bas-Valais. (Tract.) 8vo. *Lausanne*, 1855.
- and Hébert (E.). Description des fossiles du terrain nummulitique supérieur des environs de Gap, des Diablerets et de quelques localités de la Savoie. 8vo. *Grenoble*, 1854.
- Renieri (Stefano Andrea).** Biographical Notice. See NARDO (Giovanni Domenico).
- . Osservazione postume di zoologia adriatica. Edited by G. Meneghini. Fol. *Venice*, 1847.
- Rennie (George).** Report on the progress and present state of our knowledge of Hydraulics as a Branch of Engineering. Part II. (Tract.) 8vo. *London*, 1835.
- . On the Expansion of Arches. (Tract.) 4to. *London*, 1840.
- . Report on the supply of Water to be obtained from the district of Bagshot. (Tract.) 4to. *London*, 1850.
- . On the quantity of Heat developed by Water when violently agitated. (Tract.) 2 copies. 8vo. *London*, 1857.
- . Continuation of experiments to Determine the Resistances of Screw-propellers when revolving in water at different depths and velocities. (Tract.) 8vo. *London*, 1857?
- . On the Employment of Rubble Béton, or Concrete, in works of Engineering and Architecture. (Tract.) 8vo. *London*, 1858.
- . See NAMUR AND LIÉGE RAILWAY.
- Rennie (Sir John).** Address to the Annual General Meeting of the Institution of Civil Engineers, January 1846. (Tract.)
4to. *London*, 1846.
- Rennie (R.).** Essays on the Natural History and Origin of Peat Moss, etc. 8vo. *Edinburgh*, 1810.
- Renou (E.).** Géologie de l'Algérie. See ALGERIA.
- Renovantz (H. M.).** Mineralogisch-geographische und andere vermischte Nachrichten von den altaischen Gebürgen, russisch kayserlichen Antheils. 4to. *Reval*, 1788.
- Rentzsch (—).** Die Pechsteine des Meissner Porphyrdistricts. (Tract.)
8vo. *Dresden*, 1860.
- Reports, Colonial, etc.**
- . CAPE OF GOOD HOPE. Report of the Board of Commissioners of Public Roads. (Tract.) Fol. *Capetown*, 1848.
- . INDIA. Reports of a Committee for investigating the Coal and Mineral Resources of India. (Tract.) 8vo. *Calcutta*, 1838.

Reports, Colonial, etc.⁷

- INDIA. Reports of a Committee [for investigating the Coal and Mineral Resources of India, for May 1845. Levels of Indian Coal-fields. Fol. *Calcutta*, 1846.
- —. Abstract of the Proceedings of a Committee for the investigation of the Coal and Mineral Resources of India, brought up to April, 1842, by the Secretary [J. McClelland]. Fol. *Calcutta*, 1842.
- —. Report on the Survey of India, for the three years ending 1858-59, by Sir A. S. Waugh. Fol. *London*, 1861.
- —. —. Annual Report of Progress . . . 1859-60. Fol. *Calcutta*.
- —. Report on the Establishment of Museums, by E. Balfour. Fol. *Madras*, 1855.
- —. Correspondence between the Government of India and the Asiatic Society of Bengal relative to the establishment of a Public Museum in Calcutta. Fol. *Calcutta*, 1859.
- See INDIA, CARTER (H. J.), MORRIS (J. H.), and TREMENHEERE (G. B.).
- NEW BRUNSWICK. Report on the Agricultural Capabilities of the Province, by J. F. W. Johnston. 8vo. *Fredericton*, 1850.
- NEW SOUTH WALES. Coal and Collieries, by W. Keene. Fol. *Newcastle, N. S. W.*, 1862.
- —. Papers relative to Geological Surveys, 1851. With Reports by S. Stutchbury. Fol. *Melbourne*, 1851.
- —. —, 1852. With Reports by W. B. Clarke, S. Stutchbury, and E. H. Hargreaves. Fol. *Melbourne*, 1852.
- —. —, 1852. With Reports by W. B. Clarke. Fol. *Melbourne*, 1852.
- —. Papers relative to the Gold districts. Fol. *Melbourne*, 1852.
- —. Papers relative to Geological Surveys, 1853. Two letters from W. B. Clarke. Fol. *Melbourne*, 1853.
- —. Papers relative to Geological and Mineralogical Surveys. Report by S. Stutchbury. Fol. *Melbourne*, 1853.
- —. Discovery of Gold in Australia. Appendix to answers 12 and 13* in the evidence of the Rev. W. B. Clarke. Fol. *Melbourne*, 1854.
- —. —. Sir R. Murchison's Claim. Fol. *Melbourne*, 1854.
- —. Mines and Mineral Statistics of New South Wales, and Notes on the Geological Collection of the Department of Mines; also Remarks on the Sedimentary Formations of N. S. Wales, by W. B. Clarke; and Notes on the Iron and Coal Deposits, Wallerawang, and on the Diamond Fields, by Professor Liversedge. 8vo. *Sydney*, 1875.
- —. Mines and Mineral Statistics. Report of the Department of Mines for the year 1876. 2 copies. Fol. *Sydney*, 1877.

Reports, Colonial, etc.

- NEW SOUTH WALES. Department of Mines. Annual Report for the year 1877. (Tract.) Fol. *Sydney*, 1878.
- —. Railways. Report on their construction and working during 1876, by J. Rae. Fol. *Sydney*, 1877.
- NEW ZEALAND. Lecture on the Geology of the province of Nelson, by F. Hochstetter. Fol. *Auckland*, 1859.
- —. Geological tour in the Wairarapa and East Coast Country, New Zealand, by J. C. Crawford. Fol. *Wellington*, 1861.
- —. Notes on the Geology of the province of Canterbury, N. Z., by Julius Haast. 2 copies. Fol. *Christchurch*, 1862.
- —. Geological and other Reports, by J. C. Crawford. Fol. *Wellington*, 1862–64.
- —. Geological Expedition to the West Coast of Otago, New Zealand, by J. Hector. Fol. *Dunedin*, 1863.
- —. Report on the Geological Survey of the province of Canterbury. Session XXII., 1864, by J. Haast. 2 copies. Fol. *Christchurch*, 1864.
- —. Report on the Formation of the Canterbury Plains, by J. Haast. 2 copies. Fol. *Christchurch*, 1864.
- —. Report upon the Plains and Rivers of Canterbury, New Zealand, by W. T. Doyne. Fol. *Christchurch*, 1864.
- —. Second Report upon the River Waimakariri and the Lower Plains of Canterbury, New Zealand, by W. T. Doyne. Fol. *Christchurch*, 1865.
- —. Report on the Geological Formation of the Timaru District [New Zealand], in reference to obtaining a supply of water, by J. Haast. Fol. *Christchurch*, 1865.
- —. Report on the Headwaters of the River Waitaki [New Zealand], by J. Haast. Fol. *Christchurch*, 1865.
- —. Report on the Geological Exploration of the West Coast [Canterbury, New Zealand], by J. Haast. Fol. *Christchurch*, 1865.
- —. Lecture on the West Coast of Canterbury, by J. Haast. Fol. *Christchurch*, 1865.
- —. Theory for the Discovery of Gold in this Province, etc., by J. C. Crawford. Fol. *Wellington*, 1861.
- —. Essays on the subject of the Settlement of the Gold-mining population in New Zealand, by R. H. Eyton, F. W. Hutton, and E. T. Gillon. Fol. *Wellington*, 1869.
- —. Report relative to the Thames Gold Fields [N. Z.], by James Mackay, jun. Fol. *Wellington*, 1869.
- —. Report on the Gold Fields of New Zealand, by C. E. Haughton. (Tract.) Fol. *Wellington*, 1872.
- —. Further reports upon the Gold Fields of New Zealand. Auckland, by Thomas B. Gillies. (Tract.) Fol. *Wellington*, 1872.
- —. Report of the Gold-Fields Committee. (Tract.) Fol. *Wellington*, 1872.
- —. On the Coal Measures and Lignitiferous Beds of the River Kowai, tributary of the River Waimakariri (Canterbury, New Zealand), by J. Haast. Fol. *Christchurch*, 1863.

Reports, Colonial, etc.

- . NEW ZEALAND. Report on the Petroleum found at Taranaki, by James Hector. (Tract.) Fol. *Wellington*, 1866.
- . ———. The Coal Fields of New Zealand. (Tract.) Fol. *Wellington*, 1873.
- . NOVA SCOTIA. Nova-Scotia Gold Fields, by J. Howe. Fol. *Halifax, N. S.*, 1861.
- . ———. Report of the Gold Commissioner [Samuel Creelman] for the year 1862. (Tract.) 8vo. *Halifax, N. S.*, 1863.
- . ———. Inspector of Mines' [S. P. Fairbank's] Report—Mines and Minerals. Fol. *Halifax, N. S.*, 1864.
- . ———. Report of the Chief Commissioner of Mines for the year 1865. (Tract.) 8vo. *Halifax, N. S.*, 1866.
- . ———. Report of the Chief Commissioner of Mines for the year 1869. 8vo. *Halifax, N. S.*, 1870.
- . ———. Report of the Department of Mines . . . for the years 1875, 1876, 1877, and 1878. 8vo. *Halifax, N. S.*, 1876–78.
- . QUEENSLAND. Geological character of Northern Australia, as affecting its geographical features. (Newspaper cutting.) No date.
- . ———. Report on the Geology and Mineral Resources of the district between Charters Towers Gold-fields and the coast, by R. L. Jack. Fol. *Brisbane*, 1879.
- . ———. Report to the Honourable the Minister for Mines on the Normanby and Marengo Gold-fields, by R. L. Jack. 4to. *Brisbane*, 1879.
- . ———. Report on the Bowen-River Coal-field, by R. L. Jack. With a geological sketch map. Fol. *Brisbane*, 1879.
- . SOUTH AUSTRALIA. Mr. Ernest Giles's Explorations, 1872. (Tract.) Fol. *Adelaide*, 1873.
- . ———. Mr. J. Ross's Explorations, 1874. (Tract.) Fol. *Adelaide*, 1875.
- . ———. Report on the Lake-Eyre Expedition. (Tract.) Fol. *Adelaide*, 1875.
- . ———. Journal of Mr. Lewis's Lake-Eyre Expedition, 1874–5. (Tract.) Fol. *Adelaide*, 1875.
- . ———. Giles's Explorations, 1875. (Tract.) Fol. *Adelaide*, 1876.
- . ———. Lieut. Goalen's Survey of Port Adelaide. (Tract.) Fol. *Adelaide*, 1875.
- . ———. Australian Coast-line and Ports. (Tract.) Fol. *Adelaide*, 1876.
- . ———. Navigability of Murray Mouth. (Tract.) Fol. *Adelaide*, 1876.
- . ———. Improvement of Semaphore Harbor. (Tract.) Fol. *Adelaide*, 1876.
- . ———. Sections of Port Adelaide Creek. (Tract.) Fol. *Adelaide*, 1876.
- . ———. Report from the Public Works Department for the year 1875. (Tract.) Fol. *Adelaide*, 1876.
- . ———. Statistical Register of South Australia for 1875. (Tract.) Fol. *Adelaide*, 1876.

Reports, Colonial, etc.

- **SOUTH AUSTRALIA.** Register of the Rainfall kept in Grote Street, Adelaide, by Sir George Strickland Kingston, from January 1, 1839, to December 16, 1879, both inclusive. Fol. *Adelaide*, 1879.
- **TASMANIA.** Report upon the Resinous Shales . . . near . . . the River Mersey, by C. Gould. Fol. *Tasmania*, 1861.
- —. Report on the Coal-fields of the Fingal District, by Charles Gould. Fol. *Tasmania*, 1861.
- **VICTORIA.** Statistical Notes on the Progress of Victoria from the foundation of the Colony (1835–1860). First series. Parts I. and II. By William Archer. Fol. *Melbourne*.
- —. Statistical Register, from the foundation of the Colony, with an Astronomical Calendar for 1855. Edited by William Henry Archer. 8vo. *Melbourne*, 1854.
- —. Report of the Registrar-General on the Progress and Statistics from 1851 to 1858. (Tract.) 8vo. *Melbourne*, 1859?
- —. Board of Science. Second Annual Report. Fol. *Melbourne*, 1859–60.
- —. Mining Surveyors' Reports; furnished by the Mining Surveyors of Victoria to the Board of Science. Nos. 1–15 and 23. 8vo. *Melbourne*, 1859–61.
- —. Reports of the Mining Surveyors and Registrars. Quarter ending 30th September, 1866. (Tract.) Fol. *Melbourne*, 1866.
- —. Reports of the Mining Surveyors and Registrars, 1877, 1878, and 1879. (Tracts.) Fol. *Melbourne*, 1877–79.
- —. Mineral Statistics for the year 1866. (Tract.) Fol. *Melbourne*, 1866.
- —. Mineral Statistics of Victoria for the year 1878. Fol. *Melbourne*, 1879.
- —. Report of the Chief Inspector of Mines to the Honourable the Minister of Mines for the year 1878. Fol. *Melbourne*, 1879.
- —. Reports of the Mining Surveyors and Registrars from the Quarter ending 31st Dec., 1878, to that ending 30th June, 1879. Fol. *Melbourne*, 1879.
- —. Mining and Geological Survey. Reports and papers relative to the Mining and Geological Survey in 1863; also geological sketch map to accompany same. By A. R. C. Selwyn. Fol. *Melbourne*, 1863.
- —. Geological Survey. Report of the Director . . . from June, 1863, to September, 1864. 2 copies. Fol. *Melbourne*, 1865.
- —. Report of Geological Department on auriferous drifts and quartz reefs. Fol. *Melbourne*, 1866.
- —. Report on the Physical Character and Resources of Gippsland. By the Surveyor-General and the Secretary for Mines (A. J. Skene and R. Brough Smyth). 8vo. *Melbourne*, 1874.
- —. Gold-Fields Statistics, 1861. Fol. *Melbourne*, 1862.
- —. Second and Third Meteorological Reports, with diagrams of Barometric Pressure, etc., by R. Brough Smyth. (Tract.) Fol. *Melbourne*, 1856–58.

Reports, Colonial, etc.

- VICTORIA. Abstract of Specifications of Patents applied for from 1854–1866. Vol. I. Ac to Bu. Vol. II. Metals. Part I. Fol. *Melbourne*, 1870–76.
- —. Abstracts of Specifications of Patents applied for from 1854 to 1856. Metals. Part I. By W. H. Archer. Fol. *Melbourne*, 1872.
- —. Patents and Patentees. Vols. I.–VI. and VIII. & IX. By William Henry Archer. (Tracts.) Fol. *Melbourne*, 1873–77.

Reports, Parliamentary.

- AMERICA, NORTH. Papers relative to the Exploration, by Capt. Palliser, of that portion of British North America which lies between the northern branch of the River Saskatchewan and the frontier of the United States, and between the Red River and Rocky Mountains. Fol. *London*, 1859.
- —. —. Further Papers. Fol. *London*, 1860.
- BUILDING STONE. Reports with reference to the selection of stone for building the New Houses of Parliament, by C. Barry, H. T. De la Beche, W. Smith, and C. H. Smith. Fol. *London*, 1839.
- —. Letter from Mr. Barry ... reporting particulars of tour of inspection of Magnesian Limestone Quarries in the counties of Nottingham, Derby, and York. Fol. *London*, 1839.
- —. Report of the Committee on the Decay of the Stone of the New Palace at Westminster. Fol. *London*, 1861.
- CEYLON. Dr. Gygax's Geological Survey of Ceylon. Fol. *London*, 1848?
- COAL. First and Second Reports [Museum of Practical Geology] on the Coals suited to the Steam Navy, by Sir H. De la Beche and L. Playfair. Fol. *London*, 1848–49.
- —. Papers respecting the nature and quantity of the Coal derivable from the Mines near Heraclea, on the Euxine, &c. Fol. *London*, 1854.
- —. Report on Australian Coal, by Daniel Cooper. Fol. *London*, 1862.
- —. Copy of Dr. McClelland's Report on the Coal-fields of India. Fol. *London*, 1863.
- —. Report of the Commissioners appointed to inquire into the several matters relating to Coal in the United Kingdom. 3 vols., with maps and sections. Fol. *London*, 1871.
- COLLIERIES. Reports on the Gases and Explosions in Collieries, by Sir H. T. De la Beche, L. Playfair, W. W. Smyth. Fol. *London*, 1847.
- —. Report from the Select Committee on Coal Mines, together with the proceedings of the Committee, Minutes of Evidence, Appendix and Index. Fol. *London*, 1852.
- —. Reports of the Inspectors ... for the years 1860–61. By Messrs. Dunn, Atkinson, Dickinson, Higson, Hedley, Wynne, Brough, Baker, Evans, Williams, Alexander, and Morton. Fol. *London*, 1861–62.
- —. Report on the Oaks Colliery Explosion, with Minutes of Evidence, etc., by J. K. Blackwell. Fol. *London*, 1867.

Reports, Parliamentary.

- COLLIERIES. Communications respecting the Coal Mines of India.
[Appendix to the Third Report.] 4to. *London*, 1829?
- See also MINES.
- GEOLOGICAL SURVEY. Return relative to the Geological Survey.
Fol. *London*, 1856.
- GOLD. Discovery of Gold in Australia. Reports presented
. . . in February 1852, February and August 1853, February
and December 1854, July 1855, February and July 1856, and
August 1857. Fol. *London*, 1852-57.
- —. Copies or extracts of Correspondence relative to the
Discovery of Gold in the Fraser's River District, in British North
America. Fol. *London*, 1858.
- HARBOURS. Tidal Harbours Commission. First Report.
Fol. *London*, 1845.
- —. Report of the Commissioners upon the subject of Harbour
Refuge. Fol. *London*, 1845.
- HUDSON'S BAY. Report from the Select Committee on the
Hudson's Bay Company. 2 copies. Fol. *London*, 1857.
- IRELAND. First and second Reports of the Commissioners
appointed to enquire into the nature and extent of the Bogs
in Ireland, with Appendices.
Fcap. fol. ; Atlas, fol. *London*, 1810.
- MINES. Report from the Committee appointed to inquire into
the state of the Copper Mines and Copper Trade of this Kingdom.
8vo. *London*, 1799.
- —. Report on Ventilation of Mines, by J. K. Blackwell.
Fol. *London*, 1850.
- —. Report from the Select Committee on Accidents in
Mines, together with the Minutes of Evidence and Index.
Fol. *London*, 1835.
- —. Accidents in Mines ; Report of the Select Committee of
the House of Lords appointed to inquire into the best means of
preventing their occurrence ; together with the Minutes of Evi-
dence and an Appendix and Index thereto.
Fol. *London*, 1849.
- —. Report on the Ventilation of Mines and Collieries, by
John Phillips. Fol. *London*, 1850.
- —. Reports on Coal Mines, by M. Dunn, J. Dickinson,
and C. Morton. Fol. *London*, 1851.
- —. Report of the Commissioners appointed to inquire into
the condition of all Mines in Great Britain to which the provisions
of the Act 23 & 24 Vic. do not apply. . . . With appendices. (Tract.)
8vo. *London*, 1864.
- —. Minutes and epitome of Evidence taken before the
Commissioners appointed to inquire into the condition of all
Mines in Great Britain to which the provisions of the Act
23 & 24 Vic. cap. 151 do not apply. 2 vols.
Fol. *London*, 1864.
- —. —. Appendix B to the Report of the (said) Commis-
sioners. Fol. *London*, 1864.

Reports, Parliamentary.

- . **MINES.** Return of the Plans and Sections of the Metalliferous Mines of the United Kingdom which are deposited in the Mining Record Office. By R. Hunt. Fol. *London*, 1865.
- . ———. Reports of the Inspectors . . . for the years 1867 and 1868. By Messrs. Atkinson, Dickinson, Higson, Evans, Wynne, Brough, Baker, Wales, Moore, Alexander, Southern, and Wardell. Fol. *London*, 1868–69.
- . ———. Reports relative to the administration of Mines in Belgium and Prussia. Fol. *London*, 1874.
- . ———. Mines classed under the Coal-Mines Regulation Act. Summaries of the statistics for the twelve districts under the Coal-Mines Regulation Act, for the year 1878. Mines classed under the Metalliferous Mines Regulation Act. Summaries of the persons employed, mining produce, etc., for the year 1878. With Dr. C. Le Neve Foster's Report on Devonshire, Cornwall, etc. Fol. *London*, 1879.
- . See also **COLLIERIES.**
- . **NEW YORK INDUSTRIAL EXHIBITION.** Sir Charles Lyell's special report on the Geological, Topographical, and Hydrographical Departments. Fol. *London*, 1854.
- . **NOXIOUS VAPOURS.** Report . . . on injury from Noxious Vapours, together with the proceedings of the Committee, minutes of evidence, and appendix. Fol. *London*, 1862.
- . **ORDNANCE MAPS.** Correspondence respecting the scale for the Ordnance Survey, and upon Contouring and Hill Delineation. Fol. *London*, 1854.
- . **SALT.** Copy of a Report on the subject of the Landslips in the Salt Districts, made to Her Majesty's Secretary of State for the Home Department by Joseph Dickinson. Fol. *London*, 1873.
- . **TITHE SURVEY.** Return to an order of the House of Commons for Copy of Papers respecting the proposed Survey of Lands under the Tithe Act. (Tract.) Fol. *London*, 1837.
- . **WATER SUPPLY.** Supply of Water in the Metropolis. Fol. *London*, 1828.
- . ———. Report on the Chemical Quality of the supply of Water to the Metropolis, by T. W. Rammell. Fol. *London*, 1851.
- . ———. Royal Commission. Report of the Commissioners (2 copies), with minutes of evidence and appendix thereto. Fol. *London*, 1869.
- . ———. Return relating to Urban Water Supply. 4to. *London*, 1879.
- Repp (T. G.).** See **RASK (E.).**
- Reul (X. de).** (Musée Royal d'histoire naturelle de Belgique.) Guide dans les collections préhistoriques des âges de la pierre. 2^{me} édition. (Tract.) 2mo. *Brussels*, 1874.
- Reuss (August Emil).** Die Versteinerungen der böhmischen Kreideformation. 4to. *Stuttgart*, 1845–46.
- . Die fossilen Polyparien des Wiener Tertiärbeckens. (Tract.) 4to. *Vienna*, 1847.

- Reuss (August Emil).** Ueber Entomostraceen und Foraminiferen im Zechstein der Wetterau. (Tract.) 8vo. *Vienna*, 1850–51.
- . Ueber fossile Krebse aus den Raibler Schichten in Kärnthen. (Tract.) 4to. *Vienna and Olmutz*, 1858.
- . Zur Fauna des deutschen Oberoligocäns. I. and II. (Tracts.) 8vo. *Vienna*, 1864.
- . Die Foraminiferen und Ostracoden der Kreide am Kanara-See bei Küstendsche. (Tract.) 8vo. *Vienna*, 1865.
- . Zwei neue Anthozoen aus den Hallstädter Schichten. (Tract.) 8vo. *Vienna*, 1865.
- . Die Foraminiferen, Anthozoen und Bryozoen des deutschen Septarienthones. 4to. *Vienna*, 1866.
- . Die Bryozoen, Anthozoen und Spongiarien des braunen Jura von Balin bei Krakau. (Tract.) 8vo. *Vienna*, 1866.
- . Die Bryozoen, Anthozoen und Spongiarien des braunen Jura von Balin bei Krakau. (Tract.) 4to. *Vienna*, 1867.
- . Ueber einige Bryozoen aus dem deutschen Unteroligocän. (Tract.) 8vo. *Vienna*, 1867.
- . Ueber einige Crustaceenreste aus der alpinen Trias Oesterreichs. (Tract.) 8vo. *Vienna*, 1867.
- . Paläontologische Studien über die älteren Tertiärschichten der Alpen. 4to. *Vienna*, 1868.
- . (Paläontologische Beiträge. Zweite Folge.) 5. Ueber einen neuen fossilen *Limax*. (Tract.) 8vo. *Vienna*, 1868.
- . Ueber hemimorphe Barytkrystalle. (Tract.) 8vo. *Vienna*, 1869.
- . Ueber tertiäre Bryozoen von Kischenew in Bessarabien. (Tract.) 8vo. *Vienna*, 1869.
- . Zur fossilen Fauna der Oligocänschichten von Gaas. (Tract.) 8vo. *Vienna*, 1869.
- . See NYST (H.).
- Reuss (Franz Ambros).** Orographie des nordwestlichen Mittelgebirges in Böhmen. 8vo. *Dresden*, 1790.
- . Mineralogische Geographie von Böhmen. 2 vols. 4to. *Dresden*, 1793–97.
- . Sammlung naturhistorischer Aufsätze, mit vorzüglicher Hinsicht auf die Mineralgeschichte Böhmens. 8vo. *Prague*, 1796.
- . Neues mineralogisches Wörterbuch.—Lexicon mineralogicum, sive Index latino-gallico-italico-svecico-danico-anglico-russico-hungarico-germanicus, complectens omnia nomina, quæ oryctognosiae et geognosiae inserviunt, etc. 8vo. *Hoff*, 1798.
- . Mineralogische Beschreibung der Herrschaften Unterbrzezan, Kamenitz, und Manderscheid im Kaurzimer Kreise. 8vo. *Hoff*, 1799.
- . Lehrbuch der Mineralogie nach des Herrn O. B. R. Karsten mineralogischen Tabellen. 3 vols. 8vo. *Leipzig*, 1801–02.
- . Lehrbuch der Mineralogie nach des Herrn B. R. Karsten mineralogischen Tabellen. Dritten Theils. Band I. und II. 8vo. *Leipzig*, 1805.
- . Mineralogische und bergmännische Bemerkungen über Böhmen. 8vo. *Berlin*, 1801.

- Rexès (F. G.).** Le Phylloxéra détruit et la vigne régénérée par l'emploi rationnel de la potasse, etc. (Tract.)
8vo. *Angoulême (imp. Montdidier)*, 1876.
- Reyer (Eduard).** Beitrag zur Fysik der Eruptionen und der Eruptiv-Gesteine. 8vo. *Vienna*, 1877.
- . Die Euganeen. Bau und Geschichte eines Vulcanes. 2 copies.
8vo. *Vienna*, 1877.
- Reynès (P.).** Etudes sur le synchronisme et la délimitation des terrains crétacés du sud-est de la France. (Tract.)
8vo. *Paris*, 1861.
- . Essai de géologie et de paléontologie aveyronnaises.
8vo. *Paris, Berlin, and Marseilles*, 1868.
- . Monographie des Ammonites. 8vo; Atlas, 4to. *Paris*, 1867.
- Reynolds (J. Emerson) and Ball (Valentine).** On an Artificial Mineral produced in the manufacture of basic bricks at Blaenavon, Monmouthshire. (Tract.)
8vo. *Dublin*, 1879.
- Rhind (William).** Excursions illustrative of the Geology and Natural History of the environs of Edinburgh.
8vo. *Edinburgh and London*, 1833.
- . ———. 2nd edition. 8vo. *Edinburgh*, 1836.
- Rhode (J. G.).** Beiträge zur Pflanzenkunde der Vorwelt. Nach Abdrücken im Kohlenschiefer und Sandstein aus schlesischen Steinkohlenwerken. Fol. *Breslau*, 1820.
- Ribbentrop (Gottlieb).** Ueber die Blitzröhren oder Fulguriten, und besonders über das Vorkommen derselben am Regensteine bei Blankenburg. (Tract.)
8vo. *Brunswick*, 1830.
- Ribeiro (Carlos).** On the Carboniferous and Silurian Formations of the neighbourhood of Bussaco, in Portugal. With notes and a description of the animal remains, by D. Sharp, J. W. Salter, and T. R. Jones, and an account of the vegetable remains, by C. J. F. Bunbury. (Tract.)
8vo. *London*, 1853.
- . Noticia de algumas Estações e monumentos prehistoricos. (Tract.)
4to. *Lisbon*, 1878.
- . See SURVEYS: PORTUGAL.
- Ricca (P. Massimiliano).** Discorso sopra le opere del P. D. Ambrogio Soldani. (Tract.)
8vo. *Sienna*, 1810.
- Ricci (Giuseppe), etc.** Raccolta di osservazioni intorno gli effetti terapeutici e le cure per l'acqua termo-minerale vesuviana nunziante. Fascicoli 10 ed 20. (Tracts.)
8vo. *Naples*, 1833–34.
- Ricci (Vito Procaccini).** Viaggi ai vulcani spenti d'Italia nello Stato Romano verso il Mediterraneo. Viaggio primo, dalla Foce dell' Esio nell' Adriatico al lago di Bolsena e suoi contorni, diviso in due parti. 2 vols.
8vo. *Florence*, 1814.
- Richardson (Dr.).** See ARMSTRONG (W. G.).
- Richardson (G. F.).** Geology for Beginners. 8vo. *London*, 1842.
- . See MANTELL (Gideon Algernon).
- Richardson (Sir John).** The Polar Regions. 8vo. *Edinburgh*, 1861.
- . See BELCHER (Sir Edward), FRANKLIN (Sir John), HERALD EXPEDITION, and SAMARANG EXPEDITION.
- Richardson (Joshua).** On the Prevention of Accidents in Mines.
8vo. *Neath and London*, 1848.

Richardson (Ralph). On Peat as a substitute for Coal.

8vo. *Edinburgh*, 1873.

——. A Tale of Ages.

8vo. *Edinburgh*, 1874.

——. The Ice Age in Britain, considered in relation to the Depth of the North Atlantic Ocean. (Tract.)

8vo. *Edinburgh*, 1876.

Richardson (William). A Letter on the alterations that have taken place in the structure of rocks, on the surface of the basaltic country in the counties of Derry and Antrim. (Tract.)

4to. *London*, 1808.

——. Letters to the Rev. J. Dubourdieu on Zeolite and Ochre; on the basaltic productions, &c. of the county of Antrim; and an Itinerary [of a journey through part of the county of Antrim]. (Tract.)

8vo.

——. An "Appendix No. 1" on Irish mineralogy, &c.

8vo. No date.

——. Account of the Peninsula of Portrush. (Tract.)

8vo. *Newry*.

——. Letter to the Countess of Gosford, to which is added a minute account of the materials and arrangement of our strata, for sixty miles on either side of Gosford Castle, in a north and south direction. (Tract.)

8vo. *Newry*, 1816.

——. ——. 2nd letter. (Tract.)

8vo. *Newry*, 1816.

——. On the similitude, and difference, in the original formation of the Island of St. Helena, and the basaltic districts in the county of Antrim, etc. (Tract.)

8vo. *Newry*, 1816.

——. Remarks on Mr. Whitehurst's inquiry as to the Original State and Formation of the Earth. (Tract.)

8vo. *Newry*, 1816.

——. A description of the Basaltic coast from Magilligan to Glenarm. (Tract.)

8vo. *Newry*, 1817.

——. Observations on Memoirs published by the Geological Society, respecting the North-eastern Counties of Ireland. (Tract.)

8vo. *Newry*, 1817.

Richter (Reinhard). (Beitrag zur Paläontologie des Thüringer-Waldes.)

Die Grauwacke des Bohlens und des Pfaffenberges bei Saalfeld. I. Fauna. (Tract.)

4to. *Dresden and Leipzig*, 1848.

Richter (Th.). See PLATTNER (K. F.).

Richthofen (Ferdinand von). Ueber die Bildung und Umbildung einiger Mineralien in Süd-Tirol. (Tract.)

8vo. *Vienna*, 1858.

——. First preliminary notice of Geological Explorations in China. (Tract.) 2 copies.

8vo. *Philadelphia*, 1869.

——. China. Ergebnisse eigener Reisen und darauf gegründeter Studien. Band I.

4to. *Berlin*, 1877.

——. See HAUER (Franz von).

Rickard (F. Ignacio). A mining journey across the Great Andes.

8vo. *London*, 1863.

——. The Mineral and other resources of the Argentine Republic (La Plata) in 1869.

8vo. *London*, 1870.

Ricketts (Charles). Essays on Physical Geology. 8vo. *Liverpool*, 1873.

——. The Metamorphic Rocks of the Malvern Range, and the strata derived from them. (Tract.)

8vo. *Liverpool*, 1874.

——. The Cause of the Glacial Period, with reference to the British Isles. (Tract.)

8vo. *London*, 1875.

- Ricketts** (Charles). Remarks on the Country around the Wrekin; a comparison of the Carboniferous rocks of Coalbrook Dale with those of other districts. (Tract.) 8vo. *Liverpool*, 1876.
- . The conditions existing during the Glacial Period; with an account of the glacial deposits in the valley between Tranmere and Oxtun. (Tract.) 8vo. *Liverpool*, 1878.
- Rico y Sinobas** (Manuel). See ALFONSO X. OF CASTILE.
- Ridgway** (Robert). Studies of the American Falconidæ. (Tract.) 8vo. *Washington*, 1876.
- . Studies of the American Herodiones. Part I. (Tract.) 8vo. *Washington*, 1878.
- . See SURVEYS: UNITED STATES.
- Riepl** (Franz). Darstellung der Eisenerz-Gebilde in den Gebirgen der österr. Monarchie, welche im Norden der Donau liegen. (Tract.) 8vo. *Vienna*, 1821.
- Riess** (Johann Philipp). Mineralogische und bergmännische Beobachtungen über einige hessische Gebirgsgegenden; herausgegeben von D. L. G. Karsten. (Tract.) 8vo. *Berlin*, 1791.
- . See FARADAY (Michael).
- Rifault** (J.) and **Vergnaud** (A. D.). Manuel du peintre en bâtimens, du doreur et du vernisseur. 12mo. *Paris*, 1827.
- Rigaux** (E.). Notice stratigraphique sur le Bas-Boulonnais. (Tract.) 8vo. *Boulogne*, 1865.
- . Notes pour servir à la géologie du Boulonnais. (Tract.) 8vo. *Boulogne*, 1873.
- . See SAUVAGE (H. E.).
- and **Sauvage** (H. E.). Description de quelques espèces nouvelles de l'étage Bathonien du Bas-Boulonnais. (Tract.) 2 copies. 8vo. *Boulogne*, 1868.
- Rigg** (Jonathan). Sketch of the Geology of Jasinga. (Tract.) 8vo. *Batavia*, 1838.
- Riley** (Bennet). See CALIFORNIA.
- Rimrod** (Friedrich August). Beyträge für die Bildungsgeschichte der Erdoberfläche, besonders für die Urbildung der Thäler und Berge. (Tract.) 8vo. *Jena*, 1800.
- Ringgold** (Cadwalader). A series of charts, with sailing directions, embracing surveys of the State of California. 4th edition. 8vo. *Washington*, 1852.
- Rink** (H.). Die nikobarischen Inseln. 8vo. *Copenhagen*, 1847.
- . Om den geographiske beskaffenhed af de danske handelsdistrikter i Nordgrønland tillegemed en udsigt over Nordgrønlands geognosi. (Tract.) 4to. *Copenhagen*, 1852.
- . See JOHNSTRUP (Fr.).
- Riolani** (D.). Anthropologie. L'ancienneté de l'homme. 8vo. *Paris*, 1873.
- Risso** (J. A.). Essai sur l'histoire naturelle des Orangers, Bigaradiers, Limettiers, Cédratiers, Limoniers, ou Citronniers, cultivés dans le département des Alpes maritimes. (Tract.) 4to. *Paris*, 1813.
- . Histoire naturelle des Crustacés des environs de Nice. 8vo. *Paris*, 1816.
- . Mémoire sur deux nouvelles espèces de poissons du genre Scopèle observées dans la mer de Nice. (Tract.) 4to. *Turin*, 1820.

- Risso** (J. A.). Histoire naturelle des principales productions de l'Europe méridionale et particulièrement de celles des environs de Nice et des Alpes maritimes. 5 vols. 8vo. *Paris*, 1826.
- Ritter** (Albert). Lucubrationum I. de Alabastris Hohnsteinensibus nonnullisque aliis ejusdem loci rebus naturalibus. (Tract.) 4to. *Helmstadt*, 1731.
- . Lucubrationum II. de Alabastris Schwartzburgicis, etc. (Tract.) 4to. *Helmstadt*, 1732.
- . Epistolica Oryctographia Goslariensis. (Tract.) 4to. *Helmstadt*, 1733.
- . De fossilibus et naturæ mirabilibus Osterodanis. (Tract.) 4to. *Sondershausen*, 1734.
- Ritter** (Carl). Obituary Notice. See GUYOT (Arnold).
- . Entwurf zu einer Karte vom ganzen Gebirgssysteme des Himálaja nach den Quellenangaben. (Tract.) 4to. *Berlin*, 1832.
- . Vergleichende Erdkunde von Arabien. 2 vols. 8vo. *Berlin*, 1846–47.
- . Ueber Dr. H. Barth und Dr. Overwegs Begleitung der J. Richardson'schen Reiseexpedition zum Tschad-See und in das innere Africa. (Tract.) 8vo. *Berlin*, 1850.
- . Ueber räumliche Anordnungen auf der Aussenseite des Erdballs, etc. (Tract.) 4to. *Berlin*, 1850.
- Ritter** (Christian Wilhelm). Beschreibung merkwürdiger Berge, Felsen und Vulkane. Ein Beytrag zur physikalischen Geschichte der Erde. 2 vols. 8vo. *Posen and Leipzig*, 1806.
- Rivero** (Mariano Eduardo de). Noticia sobre el rio llamado Vinagre. (Tract.) 8vo. *Lima*, 1826.
- . Memoria sobre el guano de pajaros, y su uso en el Peru. (Tract.) 8vo. *Lima*, 1827.
- . Memoria sobre las aguas minerales de Yura, y otros puntos cercanos a Arequipa. Con aplicaciones medicas por J. M. Vargas y J. M. Adriasola y Arve. (Tract.) 8vo. *Lima*, 1827.
- . Jeologia de Chile. (Newspaper cutting.) *Valparaíso*, 1836.
- . Memoria sobre el rico mineral de Azogue de Huancavelica. (Tract.) 4to. *Lima*, 1848.
- and **Boussingault** (J. B.). Memoria sobre la leche del arbol de la vaca. (Tract.) 8vo. *Bogotá*, 1823.
- Rivett-Carnac** (H.). See CARNAC (H. Rivett-).
- Rivière** (A.). Etudes géologiques faites aux environs de Quimper, et sur quelques autres points de la France occidentale. (Tract.) 8vo. *Paris*, 1838.
- . Etudes géologiques et minéralogiques. 1^e partie. 8vo. *Paris*, 1847.
- . Extrait d'un mémoire sur les filons métallifères, principalement sur les filons de blende et de galène que renferme le terrain de la Grauwacke de la rive droite du Rhin, dans la Prusse. (Tract.) 8vo. *Paris*, 1849.
- . See SERIALS, ETC.: PARIS. Annales des Sciences Géologiques.
- Rivière** (Emile). Paléoethnologie, De l'antiquité de l'homme dans les Alpes maritimes. Livr. 1–6. 4to. *Paris*, 1878–79.

- Robberds** (J. W., jun.). *Geological and Historical Observations on the Eastern Valleys of Norfolk.* 8vo. *Norwich*, 1826.
- Robert** (Félix). *Mémoire sur les ossemens fossiles des environs de Cussac, commune de Polignac, Haute-Loire.* (Tract.) 8vo. *Puy*, 1830.
- Robertson** (John). *The Insalubrity of the deep Cornish Mines, and, as a consequence, the physical degeneracy and early deaths of the mining population.* (Tract.) 8vo. *London*, 1859.
- Roberts** (George). *Etymological and Explanatory Dictionary of the terms and language of Geology.* 8vo. *London*, 1839.
- . *An account of the mighty landslips at Dowlands and Bindon, near Lyme Regis*, 1839. (Tract.) 2 copies. 8vo. *Lyme*, 1840.
- Roberts** (George E.). *The Rocks of Worcestershire.* 8vo. *London*, 1860.
- . *Remarks on the Present Condition of Geological Science.* (Tract.) 8vo. *London*, 1864.
- . See **MORRIS** (John).
- Robertson** (David). See **BRADY** (George Stewardson) and **BRITISH ASSOCIATION**: *Glasgow Guide Books.*
- Robinet** (S.). See **CHEVALLIER** (J. B. A.).
- Robinson** (Charles). *The Progress and Resources of New South Wales.* (Tract.) 8vo. *Sydney*, 1877.
- Robinson** (C. G.). See **ADMIRALTY PUBLICATIONS.**
- Robinson** (Frederick). *Refutation of Lieutenant Wellsted's attack upon Lord Valentia's work upon the Red Sea.* (Tract.) 4to. *London*, 1842.
- Robinson** (Henry). *A Lecture on the Cleveland Ironstone district of Yorkshire.* (Tract.) 8vo. *London*, 1868.
- Robinson** (John). *An easy mode of ascertaining the capabilities of Soil, tests for the purity of Artificial Manures, etc.* New edition. (Tract.) 8vo. *London*, 1863.
- Robinson** (John). *Check List of the Ferns of North America north of Mexico.* (Tract.) 8vo. *Salem, Mass.*, 1873.
- Robinson** (Thomas). *New observations on the Natural History of this World of Matter, and this World of Life, etc.* 8vo. *London*, 1696.
- Robinson** (*Rev. Dr.*). See **ROSSE** (*Earl of*).
- Robson** (Thomas Charles). *A Treatise on Marine Surveying.* 8vo. *London*, 1834.
- Rochester University**. *Ward cabinets of Mineralogy and Geology lately presented to the University of Rochester.* Notice. (Tract.) 8vo. *Rochester, N. Y.*, 1863.
- Rogers** (Charles). *The Serpent's Track. A narrative of twenty-two years' persecution.* 8vo. *London*, 1880.
- Rogers** (Henry Darwin). *On the Falls of Niagara, and the reasonings of some authors respecting them.* (Tract.) 8vo. *New Haven*, 1835.
- . *First Annual Report of the State Geologist (of Pennsylvania).* (Tract.) 8vo. *Harrisburg*, 1836.
- . *Report on the Geological Survey of the State of New Jersey.* 8vo. *Philadelphia*, 1836.
- . *Report on the Geological Survey of the State of New Jersey.* 2nd edition. (Tract.) 8vo. *Philadelphia*, 1836.
- . *Description of the Geology of the State of New Jersey.* 8vo. *Philadelphia*, 1840.

- Rogers (Henry Darwin).** An Inquiry into the Origin of the Appalachian Coal Strata, Bituminous and Anthracitic. (Tract.) 2 copies. 8vo. *Boston*, 1843.
- . An Address on the recent progress of Geological Research in the United States. Delivered at the fifth Annual Meeting of the Association of American Geologists and Naturalists, 1844. (Tract.) 3 copies. 8vo. *Philadelphia*, 1844.
- . On the origin of the Parallel Roads of Lochaber (Glen Roy), Scotland. (Tract.) 8vo. *London*, 1861.
- . See ROGERS (William B.); and SURVEYS, NEW JERSEY and PENNSYLVANIA.
- and Rogers (William B.). An account of two remarkable trains of angular erratic blocks in Berkshire, Massachusetts, with an attempt at an explanation of the phenomena. (Tract.) 8vo. *Boston*, 1846.
- —. On the Geological Age of the White Mountains. (Tract.) 8vo. *New Haven*, 1846.
- Rogers (Robert E.).** See ROGERS (W. B.).
- Rogers (William B.).** On the Auriferous Rocks of Virginia. (Tract.) 8vo. *London*, 1836.
- . Proposed plan of a Geological Survey. (Tract.) 8vo. *London*, 1836.
- . Report of the Geological Reconnaissance of the State of Virginia. (Tract.) 8vo. *Philadelphia*, 1836.
- . Observations of Subterranean Temperature in the Coal-mines of Eastern Virginia. (Tract.) 2 copies. 8vo. *Boston*, 1843.
- . On the Age of the Coal-Rocks of Eastern Virginia. (Tract.) 2 copies. 8vo. *Boston*, 1843.
- . On the Connection of Thermal Springs in Virginia with Anticlinal Axes and Faults. (Tract.) 2 copies. 8vo. *Boston*, 1843.
- . Proofs of the Protozoic Age of some of the altered rocks of Eastern Massachusetts, from fossils recently discovered. (Tract.) 8vo. *Cambridge*, 1856.
- . See ROGERS (Henry D.); and SURVEYS, VIRGINIA.
- and Rogers (Henry D.). Contributions to the Geology of the Tertiary Formations of Virginia. (Tract.) 2 copies. 4to. *Philadelphia*, 1835.
- —. On the Physical Structure of the Appalachian Chain, as exemplifying the laws which have regulated the elevation of great mountain chains generally. (Tract.) 2 copies. 8vo. *Boston*, 1843.
- and Rogers (Robert E.). On the absorption of Carbonic Acid Gas by Liquids. (Tract.) 8vo. *New Haven*, 1848.
- Roget (Peter Mark).** Thesaurus of English Words and Phrases, classified and arranged so as to facilitate the expression of Ideas and assist in Literary Composition. 15th edition. 8vo. *London*, 1864.
- Roissy (Félix de).** Catalogue des livres d'histoire naturelle et autres composant sa bibliothèque. (Tract.) 8vo. *Paris*, 1844.
- Rolland du Roquan (Oscar).** Rudistes du terrain crétacé des Corbières. 4to. *Carcassonne*, 1841.
- Rolle (Friedrich).** Mikropetrographische Beiträge aus der rhätischen Alpen. (Tract.) 8vo. *Wiesbaden*, 1879.

- Romani** (Giovanni). Dell' antico corso de' fiumi Po, Oglio ed Adda negli agri Cremonese, Parmigiano, Casalasco e Basso Mantovano. 2a edizione. (Tract.) 8vo. *Milan*, 1828.
- Romanowsky** (G.). Взглядъ.—On the Geology of the Moscow basin. (Tract.) 8vo. *St. Petersburg*, 1863.
- Romé de l'Isle** (J. B. L. de). Essai de Cristallographie, ou description des figures géométriques, propres à différens corps du règne minéral, connus vulgairement sous le nom de cristaux. (Tract.) 8vo. *Paris*, 1772.
- . Description méthodique d'une collection de minéraux du cabinet de M. D. R. D. L. 2 copies. 8vo. *Paris*, 1773.
- . Observations sur les rapports qui paroissent exister entre la mine dite cristaux d'étain et les cristaux de fer octaédres. (Tract.) 4to. *Aerford*, 1786.
- Römer** (C. Ferdinand). De Astartarum genere et speciebus quæ e saxis jurassicis atque cretaceis proveniunt. (Tract.) 4to. *Berlin*, 1842.
- . Monographie der fossilen Crinoidenfamilie der Blastoideen und der Gattung *Pentatrematites* im Besonderen. (Tract.) 8vo. *Bonn*, 1851.
- . Beiträge zur Kenntniss der fossilen Fauna des devonischen Gebirges am Rhein. (Tract.) 8vo. *Bonn*, 1852.
- . Die Kreidebildungen von Texas und ihre organischen Einschlüsse. 4to. *Bonn*, 1852.
- . *Dorycrinus*, ein neues Crinoidengeschlecht aus dem Kohlenkalke Nordamerika's. (Tract.) 8vo. *Berlin*, 1853.
- . Die Kreidebildungen Westphalens. (Tract.) 8vo. *Bonn*, 1854.
- . *Palæoteuthis*, eine Gattung nackter Cephalopoden aus devonischen Schichten der Eifel. (Tract.) 4to. *Cassel*, 1856.
- . Ueber den Bau von *Melonites multipora*, ein Echinid des amerikanischen Kohlenkalks. (Tract.) 8vo. *Breslau*, 1856.
- . Notiz über eine riesenhafte neue Art der Gattung *Leperditia* in silurischen Diluvial-Geschieben Ost-Preussens. (Tract.) 8vo. *Berlin*, 1858.
- . Die silurische Fauna des westlichen Tennessee. Ein paläontologische Monographie. 4to. *Breslau*, 1860.
- . Geologie von Oberschlesien. 3 vols. (Text, atlas, and folded map.) 4to. *Breslau*, 1870.
- . Notiz über ein Vorkommen von oberdevonischem Goniatiten-Kalk in Devonshire. (Tract.) 8vo. *Berlin*, 1879.
- . *Lethæa Geognostica*, oder Beschreibung und Abbildung der für die Gebirgs-Formationen bezeichnendsten Versteinerungen. (Herausgegeben von einer Vereinigung von Paläontologen.) 1. Theil. *Lethæa palæozoica*, von F. R. Textband. 1te Lieferung, und Atlas. 8vo. *Stuttgart*, 1876–80.
- . See BRONN (H. G.).
- Römer** (Eduard). Die Familien, Genera, Subgenera und Sectionen der zweimuskelligen, kopflosen Mollusken (*Acephala lamellibranchiata dimyaria*), mit innerem Ligament. (Tract.) 4to. *Cassel*, 1863.
- Römer** (Friedrich Adolph). Die Versteinerungen des norddeutschen Oolithengebirges. 2 vols. 4to. *Hanover*, 1836–39.

- Römer** (Friedrich Adolph). Die Versteinerungen des norddeutschen Kreidegebirges. 4to. *Hanover*, 1840–41.
- . Die Versteinerungen des Harzgebirges. (Tract.) 4to. *Hanover*, 1843.
- Ronconi** (G. B.). Giovanni Arduino e le miniere della Toscana. (Tract.) 8vo. *Padua*, 1865.
- Rooke** (J.). On a Fossil found in Shropshire. (Tract.) MS., 1813.
- Roos** (C.). See SARTORIUS VON WALTERSHAUSEN (W.).
- Roper** (Freeman C. S.). Catalogue of works on the Microscope and of those referring to microscopical subjects. 8vo. *London*, 1865.
- Roper** (R. S.). On the desulphurization of Coke. (Tract.) 8vo. *London*, 1858.
- Roquan** (Oscar Rolland du). See ROLLAND DU ROQUAN (Oscar).
- Rosales** (H.). See VICTORIA.
- Rose** (Gustav). De Sphenis atque Titanitæ systemate crystallino. (Tract.) 4to. *Berlin*, 1820.
- . Ueber das Krystallisationssystem des Quarzes. (Tract.) 4to. *Berlin*, 1846.
- . Ueber Schaumkalk als Pseudomorphose von Aragonit. (Tract.) 8vo. *Vienna*, 1855.
- . Ueber den sogenannten Babylonquarz aus England. (Tract.) 8vo. *Leipzig*, 1857.
- . Ueber die heteromorphen Zustände der kohlen sauren Kalkerde. 2te Abhandlung. (Tract.) 4to. *Berlin*, 1859.
- . Ueber die Schmelzung des kohlen sauren Kalkes und Darstellung künstlichen Marmors. (Tract.) 8vo. *Berlin*, 1860.
- . Ueber eine neue kreisförmige Verwachsung des Rutil. (Tract.) 8vo. *Leipzig*, 1862.
- . Beschreibung und Eintheilung der Meteoriten auf Grund der Sammlung im mineralogischen Museum zu Berlin. 4to. *Berlin*, 1864.
- Rose** (Heinrich). A Manual of Analytical Chemistry, translated from the German by John Griffin. 8vo. *London, Dublin, and Glasgow*, 1831.
- . Ueber die Verbindungen der Borsäure und des Wassers mit der Thonerde. (Tract.) 8vo. *Berlin*, 1854.
- Rose** (Karl Wilhelm). Beyträge zu den Vorstellungsarten über vulkanische Gegenstände. 8vo. *Frankfort*, 1792.
- . Fortsetzung der Beyträge zu den Vorstellungsarten über vulkanische Gegenstände. 8vo. *Frankfort*, 1793.
- Rosemont** (A. de Chambrun de). See CHAMBRUN DE ROSEMONT (A. de).
- Rosenbusch** (H.). Mikroskopische Physiographie der petrographisch wichtigen Mineralien. 8vo. *Stuttgart*, 1873.
- Rosenmüller** (Johann Christian). Quædam de ossibus fossilibus animalis cujusdam, historiam ejus et cognitionem accuratorem illustrantia. (Tract.) 4to. *Leipzig*, 1794.
- and Tilesius (A. von). Beschreibung merkwürdiger Höhlen. Ein Beitrag zur physikalischen Geschichte der Erde. 2 vols. 8vo. *Leipzig*, 1799–1805.
- Rösler** (Göttlieb Friedrich). Beyträge zur Naturgeschichte des Herzogthums Württemberg. Erstes Heft. 8vo. *Tübingen*, 1788.

- Rösler** (Karl Anton). *Bergmännische Nachrichten über die Gebirge und den Bergbau zu Joachimsthal. Nebst einigen Nachrichten über die Gebirge auf der Strasse von Prag bis Joachimsthal, herausgegeben von Johann Mayer. (Tract.)* 8vo. *Dresden*, 1792.
- Ross** (Frederick). *The Archæology of London. (Tracts.)* 8vo. *London*, 1875-76.
- Ross** (J.). See *REPORTS, COLONIAL. South Australia.*
- Ross** (James Clark). See *PARRY* (W. E.) and *Ross* (John).
- Ross** (John) and **Ross** (James Clark). *Appendix to the narrative of a Second Voyage in search of a North-west Passage, and of a residence in the Arctic Regions during the years 1829-30-31-32-33.* 4to. *London*, 1835.
- Ross** (W. A.). *Pyrology, or Fire Analysis. (Tract.)* 8vo. *London*, 1872.
- Rosse** (Earl of). *Address read at the Anniversary Meeting of the Royal Society, November 1852. (Tract.)* 8vo. *London*, 1853.
- . *Address read at the Anniversary Meeting of the Royal Society, November 1853. (Tract.)* 8vo. *London*, 1853.
- , **Robinson** (*Rev. Dr.*), and **Phillips** (John). *On the Physical Character of the Moon's Surface, as compared with that of the Earth. (Tract.)* 8vo. *London*, 1853.
- Rossi** (Michele Stefano de). *Il microfono nella meteorologia endogena. (Tract.)* 8vo. *Rome*, 1878.
- . *Meteorologia endogena. (Tract.)* 4to. *Milan*, 1879.
- Rosswall** (Josef). *Der Bergwerksbetrieb in den im Reichsrathe vertretenen Königreichen und Ländern der österreichisch-ungarischen Monarchie . . . für das Jahr 1872.* 8vo. *Vienna*, 1874.
- Rössler** (A. R.). *Reply to the charges made by S. B. Buckley, State Geologist of Texas, in his Official Report of 1874 against Dr. B. F. Shumard and A. R. Roessler. (Tract.)* 8vo. *New York*, 1875.
- Rössler** (C.). *Ueber die Petrefacten im Zechstein der Wetterau. (Tract.)* 8vo. *Hanau*, 1851.
- . See *THEOBALD* (G.).
- Rossmässler** (E. A.). *Die Versteinerungen des Braun-Kohlensandsteins aus der Gegend von Altsattel in Böhmen. (Beiträge zur Versteinerungskunde, 1es Heft.) (Tract.)* 8vo. *Dresden and Leipzig*, 1840.
- . *Ueber eine Fauna molluscorum extramarinorum Europæ und einen Prodromus für eine solche. (Tract.)* 8vo. *Hanover*, 1853.
- Roth** (J. R.). *Schilderung der Naturverhältnisse in Süd-Abyssinien. (Tract.)* 4to. *Munich*, 1851.
- Roth** (Justus). *Die Fortschritte der physikalischen Geographie. Abgedruckt aus dem Jahrgange der Fortschritte der Physik, in den Jahren 1852-1857. (2 copies for 1855.)* 8vo. *Berlin*, 1853-58.
- . *Beiträge zur Petrographie der plutonischen Gesteine.* 4to. *Berlin*, 1873.
- . *Allgemeine und chemische Geologie. Band I.* 8vo. *Berlin*, 1879.
- Rothkirch** (H. von). See *GÜNTHER* (W.).
- Rothpletz** (A.). See *SERIALS: SWITZERLAND*, Schweizerische paläontologische Gesellschaft; and *SURVEYS: SAXONY*.

- Rouault (Marie).** [Notice biographique ; extrait du Journal de Rennes.]
(Tract.) 8vo. *Rennes*, 1855.
See also **KERGOMARD (Jules)**.
- Rouillier (Charles).** Études paléontologiques sur les environs de Moscou. See **FISCHER DE WALDHEIM (Gotthelf)**, Jubilæum, &c.
Fol. *Moscow*, 1847.
- Rouquairol (Saint-Romain).** Le globe terrestre reconnu vivant, ou Physiologie de la Terre. 8vo. *Paris*, 1848.
- Roussin (Baron).** See **ADMIRALTY PUBLICATIONS**.
- Roux (de Doue) (J. M. Bertrand-).** See **BERTRAND-ROUX (DE DOUE) (J. M.)**.
- Roux (William).** See **PICTET (F. J.)**.
- Rowan-Hamilton (Sir William).** See **HAMILTON (Sir William Rowan-)**.
- Rowe (T. P.) and Foster (C. Le Neve).** Observations on Balleswidden Mine. (Tract.) 8vo. *Plymouth*, 1878.
- Rowlandson (Thomas).** Report made to the Governor and Company of the New River on the Schemes of the Hon. Mr. Napier and the General Board of Health for a new Supply of Water to the Metropolis. (Tract.) 8vo. *London*, 1851.
- . A Treatise on Earthquake dangers, causes, and palliatives. (Tract.) 8vo. *San Francisco*, 1868.
- Rowley (George Dawson).** A paper upon the Egg of *Apyornis maximus*, the Colossal Bird of Madagascar. (Tract.) 8vo. *London*, 1864.
- Rowney (T. H.).** See **KING (William)**.
- Royal Literary Fund.** A Summary of Facts, drawn from the records of the Society and issued by the Committee in answer to allegations contained in a pamphlet entitled 'The Case of the Reformers of the Literary Fund: stated by Charles W. Dilke, Charles Dickens, and John Forster,' etc. (Tract.) 8vo. *London*, 1858.
- Royal Society.** A Statement of circumstances connected with the late Election for the Presidency of the Royal Society. (Tract.) 8vo. *London*, 1831.
- . Defence of the Resolution for omitting Mr. Panizzi's Bibliographical Notes from the Catalogue of the Royal Society. (Tract.) 8vo. *London*, 1838.
- . Arctic Committee. See **JONES (Thomas Rupert)**.
- Royle (J. Forbes).** An Essay on the Antiquity of Hindoo Medicine, including an introductory lecture to the course of Materia Medica and Therapeutics delivered at King's College. 8vo. *London*, 1837.
- . Illustrations of the Botany and other branches of the Natural History of the Himalayan Mountains and of the Flora of Cashmere. 4to. *London*, 1839.
- . Essay on the Productive Resources of India. 8vo. *London*, 1840.
- . The Arts and Manufactures of India. (Tract.) 8vo. *London*?, 1852.
- Rozet (Claude Antoine).** Description géognostique du bassin du Bas-Boulonnais. 2 copies. 8vo. *Paris*, 1828.
- . Traité élémentaire de Géologie. 2 vols. 8vo. *Paris*, 1835–37.
- . Notice sur la vie et les travaux du Commandant E. le Puillon de Boblaye. (Tract.) 8vo. *Paris*, 1844.

- Rozet** (Claude Antoine). See **BOUÉ** (A.); and **SERIALS, ETC.**: **PARIS**. Société Géologique de France.
- Rozier** (François). Introduction aux observations sur la physique, sur l'histoire naturelle et sur les arts. 2 vols. 4to. *Paris*, 1777.
- . Observations et mémoires sur la physique, sur l'histoire naturelle et sur les arts et métiers. Tomes I.—XCVI. 4to. *Paris*, 1773–1823.
- Rozière** (— de). Description minéralogique de la vallée de Qosséyr. (Tract.) 8vo. *Paris*, 1800.
- . De l'Ibis égyptien. (Tract.) 8vo.
- . De la géographie comparée et de l'ancien état des côtes de la mer Rouge, considérés par rapport au commerce des Egyptiens dans les différens âges. (Tract.) Fol. *Paris*, 1809.
- . Mémoire sur les vases murrhins qu'on apportoit jadis en Egypte, et sur ceux qui s'y fabriquoient. (Tract.) 2 copies. Fol. *Paris*, 1809.
- . Description de Gebel Selselch, et des carrières qui ont fourni les matériaux des principaux édifices de la Thébaïde. (Tract.) Fol. *Paris*, 1809?
- . Mémoire sur l'art de faire éclore les poulets en Egypte par le moyen des fours. (Tract.) Fol. *Paris*, 1809.
- Rozin** (—). Essai sur l'étude de la minéralogie, avec application particulière au sol français et surtout à celui de la Belgique. 8vo. *Brussels*, 1803.
- Rubesch** (Joseph). See **REUSS** (August Em.).
- Rubidge** (R. N.). Section of the Zuurberg. (Tract.) 8vo. *Grahamstown*, 1857.
- Rubio** (Pedro Maria). Classification de las Aguas Minerales de España por razon de su temperatura. (Tract.) 4to. *Madrid*, 1850.
- Rumford** (Count). The complete works of Count Rumford. Published by the American Academy of Arts and Sciences. Vols. III. and IV. 8vo. *Boston*, 1874–75.
- Rumine** (G. de). See **GAUDIN** (Charles Th.).
- Rumph** (Georg Everhard). D'Amboinsche Rariteitkamer, behelzende eene Beschryvinge van allerhande zoo weeke als harde Schaalvischen, etc. Fol. *Amsterdam*, 1741.
- Rüppell** (Eduard). Abbildung und Beschreibung einiger neuen oder wenig gekannten Versteinerungen aus der Kalkschieferformation von Solenhofen. (Tract.) 3 copies. 4to. *Frankfort*, 1829.
- . Nouvelle espèce de Dugong. (Tract.) 4to. *Strasburg*, 1834.
- Ruprecht** (J. F.). Zur Geschichte der Museen der kaiserl. Akademie der Wissenschaften. (Tract.) 4to. *St. Petersburg*, 1864.
- Ruschenberger** (W. S. W.). A notice of the Origin, Progress, and Present Condition of the Academy of Natural Sciences of Philadelphia. (Tract.) 8vo. *Philadelphia*, 1852.
- . ———. 2nd edition. 8vo. *Philadelphia*, 1860.
- Rush** (George). An account of Ascents in the Nassau and Victoria Balloons in the years 1838, 1849, and 1850. With a description of Rush's registered dials for the improved Aneroid Barometer; and an Appendix by W. H. Jones. (Tract.) 8vo. *London*, 1851.
- Ruskin** (John). Modern Painters. Vol. IV. 8vo. *London*, 1856.
- . Notice respecting some Artificial Sections illustrating the Geology of Chamouni. (Tract.) 8vo. *Edinburgh*.

- Ruskin** (John). Deucalion. Collected studies of the lapse of Waves and life of Stones. Vol. I. 8vo. *Orpington*, (1875)–79.
- Russegger** (Joseph). Reisen in Europa, Asien und Afrika. 7 vols. 8vo; Atlas, fol. *Stuttgart*, 1841–49.
- Russell** (H. C.). Climate of New South Wales: Descriptive, Historical, and Tabular. 8vo. *Sydney*, 1877.
- . See NEW SOUTH WALES.
- Russell** (Israel C.). The Physical History of the Triassic Formation of New Jersey and the Connecticut Valley. (Tract.) 8vo. *New York*, 1878.
- Russell** (*Lord John*). Substance of his Speech in the House of Commons, June 20th, 1839, on the Government Plan for promoting National Education. 7th edition. 8vo. *London*, 1839.
- See also LANSDOWNE (*Marquess of*).
- Russell** (R.). See SURVEYS: ENGLAND AND WALES.
- Russia**. Repertorium der Literatur über die Mineralogie, etc. See BERG (Ernst von).
- . Richesses minérales. See EXHIBITION OF 1878. Paris.
- Rutherford** (John). The Coal-fields of Nova Scotia. (Tract.) 8vo. *Newcastle-upon-Tyne*, 1871.
- Rütimeyer** (L.). Ueber das schweizerische Nummuliten-Terrain, mit besonderer Berücksichtigung des Gebirges zwischen dem Thuner See und der Emme. (Tract.) 4to. *Berne*, 1850.
- . Ueber schweizerische Anthracotherien. (Tract.) 8vo. *Basle*, 1857.
- . Untersuchung der Thierreste aus den Pfahlbauten der Schweiz. (Tract.) 8vo. *Zurich*, 1860.
- . Die Fauna der Pfahlbauten der Schweiz. (Tract.) 4to. *Zurich*, 1862.
- . Eocäne Säugethiere aus dem Gebiet des schweizerischen Jura. (Tract.) 4to. *Zurich*, 1862.
- . Beiträge zur Kenntniss der fossilen Pferde, etc. im Allgemeinen. 8vo. *Basle*, 1863.
- . Ueber Art und Race des zahmen europäischen Rindes. 4to. *Brunswick*, 1866.
- . Ueber Thal- und See-Bildung. Beiträge zum Verständniss der Oberfläche der Schweiz. 4to. *Basle*, 1869.
- . Die fossilen Schildkröten von Solothurn und der übrigen Jura-formation. 4to. *Zurich*, 1873.
- . Ueber den Bau von Schale und Schädel bei lebenden und fossilen Schildkröten. 8vo. *Basle*, 1873.
- . Die Knochenhöhle von Thayingen bei Schaffhausen. (Tract.) 4to. *Brunswick*, 1875.
- . Die Veränderungen der Thierwelt in der Schweiz seit Anwesenheit des Menschen. (Tract.) 8vo. *Basle*, 1875.
- . Spuren des Menschen aus interglaciären Ablagerungen in der Schweiz. (Tract.) 8vo. *Brunswick*, 1875.
- . Ueber die Ausdehnung der pleistocenen oder quartären Säugethierfauna, speciell über die Fünde der Thäinger Höhle. (Tract.) 8vo. *Schaffhausen*, 1875.
- . Ueberreste von Büffel (*Bubalus*) aus quaternären Ablagerungen von Europa, etc. (Tract.) 8vo. *Basle*, 1875.

- Rüttimeyer** (L.). Weitere Beiträge zur Beurtheilung der Pferde der Quaternär-Epoche. (Schw. paläont. Gesellschaft.)
4to. *Basle and Geneva*, 1875 etc.
- . (Tract.) 4to. *Zurich*, 1875.
- . Ueber Pliocen und Eisperiode auf beiden Seiten der Alpen. Ein Beitrag zu der Geschichte der Thierwelt in Italien seit der Tertiärzeit. (Tract.) 4to. *Basle, Geneva, and Lyons*, 1876.
- . Der Rigi. Berg, Thal und See.
4to. *Basle, Geneva, and Lyons*, 1877.
- . Die Rinder der Tertiärepoche, nebst Vorstudien zu einer natürlichen Geschichte der Antilopen. (Schw. paläont. Gesellschaft.)
4to. *Basle and Geneva*, 1877–78.
- . Theil I. & II. (Tracts.) 4to. *Zurich*, 1877–78.
- . Thierüberreste aus tschudischen Opferstätten am Uralgebirge. (Tract.) 4to.
- . See **LANG** (Fr.).
- Rutley** (Frank). Mineralogy. 8vo. *London*, 1874.
- . The Study of Rocks, an Elementary Text-book of Petrology. 8vo. *London*, 1879.
- . See **SURVEYS: ENGLAND AND WALES**.
- Rutot** (A.). Note sur la découverte de deux spongiaires ayant provoqué la formation des grès fistuleux et des tubulations sableuses de l'étage Bruxellien des environs de Bruxelles. (Tract.) 8vo. *Brussels*, 1874.
- . Note sur une coupe des environs de Bruxelles. (Tract.) 8vo. *Brussels*, 1874.
- . Note sur la découverte, à l'est de Bruxelles, de l'argile glauconifère appartenant à la partie supérieure de l'étage Laekenien. (Tract.) 8vo. *Brussels*, 1875.
- . Note sur l'extension de *Lamna elegans*, Ag., à travers les terrains créacé et tertiaire. (Tract.) 8vo. *Brussels*, 1875.
- . Note sur quelques fossiles recueillis dans le diluvium des environs de Tongres. (Tract.) 8vo. *Brussels*, 1875.
- . Note sur une coupe du système Bruxellien observée à Ixelles. (Tract.) 8vo. *Brussels*, 1875.
- . Relation au point de vue paléontologique de l'excursion aux environs de Namur. (Tract.) 8vo. *Brussels*, 1875.
- . Description de la faune de l'Oligocène inférieur de Belgique. (Tract.) 8vo. *Brussels*, 1876.
- . Note sur les divisions à établir entre quelques espèces de grandes Rostellaires des terrains éocène et oligocène. (Tract.) 8vo. *Liège*, 1876.
- . Rapport sur l'excursion annuelle de la Société Malacologique, 1876 (aux environs d'Angre). (Tract.) 8vo. *Brussels*, 1876.
- . Note sur l'absence de l'étage Bruxellien sur la rive gauche de la Senne, et sur la présence, dans les environs de Bruxelles, d'une division de diluvium inférieur au limon Hesbayen. (Tract.) 8vo. *Liège*, 1877.
- . Nouvelles observations relatives à la *Rostellaria robusta*. (Tract.) 8vo. *Brussels*, 1877.
- . Sur la faune de l'étage inférieur du système Landenien. (Tract.) 8vo. *Liège*, 1877.

- Rutot (A.).** See LEFÈVRE (Théodore).
Ryckholt (P. de). Résumé géologique sur le genre *Chiton*, Lin. (Tract.)
 8vo. *Brussels*, 1845.
 —. Mélanges paléontologiques. Parts 1 and 2. (Tract.)
 4to. *Brussels*, 1850–52.
Rye (E. C.). Entomological Rambles round London. (Tract.)
 8vo. *London*, 1875.

S.

- S * * *** (J.). See GELLERT (C. E.).
S * * * (J. A.). Atheisms of Geology. Sir C. Lyell, Hugh Miller, &c. confronted with the Rocks. (Tract.) 8vo. *London* and *Edinburgh*, 1857.
S * * * (R.). The Cape Flats. (Tract.) 8vo. *Cape Town*, 1857.
Sabine (Sir Edward). Remarks on the Account of the late Voyage of Discovery to Baffin's Bay, published by Captain J. Ross. (Tract.)
 8vo. *London*, 1819.
 —. Report on the Variations of the Magnetic Intensity observed at different points of the Earth's Surface. 8vo. *London*, 1838.
 —. See DOVE (Professor); HOBART TOWN, ST. HELENA, and TORONTO, Meteorological Observatories; and SURVEYS: GREAT BRITAIN, Ordnance Survey.
Sabine (Mrs., afterwards Lady). See HUMBOLDT (Alexander von).
Sacken (C. R. Osten). Western Diptera: descriptions of new genera and species of Diptera from the region west of the Mississippi, and especially from California. (Tract.) 8vo. *Washington*, 1877.
Sade (Chevalier de). De la Tydologie, ou de la Science des Marées. 1^{re} partie. (Tract.) 8vo. *London*, 1810.
Sadebeck (Alexander). See VON DER DECKEN (Carl Claus). *Reisen in Ost-Africa in 1859–65.*
Sadler (John). On the Dislocation of Veins. (Tract.) Fol. *MS.*, 1814.
Saenz (Nicolas). Contribuciones al estudio geognostico de una seccion de la Cordillera Oriental comprendida entre los 4° y 5° latitud norte del meridiano de Bogota. (Tract.) 4to. *Bogota*, 1878.
Safford (James M.). Geology of Tennessee. 8vo. *Nashville*, 1869.
St.-Clair (George). Darwinism and Design, or Creation by Evolution. 8vo. *London*, 1873.
Saint-Fond (B. Faujas de). See FAUJAS DE ST.-FOND (B.).
St. Helena. Meteorological Observatory. Observations made at the Magnetical and Meteorological Observatory at St. Helena, printed under the superintendence of Edward Sabine. Vols. I. and II.
 4to. *London*, 1847–60.
Saint-Hilaire (Auguste de). Suite du mémoire sur les plantes auxquelles on attribue un placenta central libre, et revue des familles auxquelles ces plantes appartiennent. (Tract.) 4to. *Paris*, 1818.
St.-Hilaire (E. and I. Geoffroy). See GEOFFROY ST.-HILAIRE (E. and I.).
St. John (Orestes). Notes on the Geology of North-eastern New Mexico. (Tract.) 8vo. *Washington*, 1876.
 —. See SURVEYS: OHIO.
St. John (R.). A true description of the Lake Superior Country and Copper Mines. 8vo. *New York*, 1846.

- St. Louis.** Vine and Fruit-growers' Association. Explanatory statement of the views and proceedings, together with the Charter of the Company. (Tract.) 8vo. *St. Louis, Mo.*, 1859.
- St. Petersburg.** Bibliothèque Impériale publique. Excerptum ex specialibus Regulis ad dirigendam Imperialem publicam Bibliothecam spectantibus, &c. (Tract.) 8vo. *St. Petersburg*, 1814.
- St. Vincent.** Report from Committee on Petition of persons interested in Estates in the Island of St. Vincent. (Tract.) Fol. *London*, 1813.
- Sainte-Claire Deville** (Charles Joseph). Etudes géologiques sur les îles de Ténériffe et de Fogo, suivi d'une statistique abrégée des îles du Cap-Vert et d'un notice bibliographique. 4to. *Paris*, 1848.
- . Mémoire sur les roches volcaniques des Antilles. (Tract.) 8vo. *Paris*, 1851.
- . Carte de la température des eaux à la surface de la mer des Antilles, du golfe du Mexique et de la portion voisine de l'océan Atlantique. (Tract.) 4to. *Paris*, 1852.
- . Etudes de Lithologie. (Tract.) 8vo. *Paris*, 1854.
- . Lettres sur l'éruption du Vésuve du 1^{er} Mai, 1855, etc. I.–IX. (Tracts.) Some in duplicate. 4to. *Paris*, 1855–56.
- . Lettres (1^{er} et 2^e in dupl.) sur quelques produits d'émanations de la Sicile. (Tracts.) 4to. *Paris*, 1855–56.
- . Observations sur la nature et la distribution des fumerolles dans l'éruption du Vésuve du 1^{er} Mai, 1855. (Tract.) 2 copies. 8vo. *Paris*, 1855.
- . Recherches sur les produits des volcans de l'Italie méridionale. (Tract.) 2 copies. 4to. *Paris*, 1856.
- . Sur le trachytisme des roches. (Tract.) 4to. *Paris*, 1859.
- . Deuxième note sur les discordances qu'on observe entre les indications de divers thermomètres à l'air libre et à l'ombre. (Tract.) 8vo. *Paris*, 1861.
- . Essai sur la répartition des corps simples dans les substances minérales naturelles. (Tract.) 4to. *Paris*, 1862.
- . Note sur la théorie de l'aciération. (Tract.) 4to. *Paris*, 1863.
- . Coup-d'œil historique sur la Géologie et sur les travaux d'Elie de Beaumont. (Leçons professées au Collège de France.) 8vo. *Paris*, 1878.
- and **Leblanc** (Félix). Mémoire sur la composition chimique des gaz rejetés par les événements volcaniques de l'Italie méridionale. (Tract.) 4to. *Paris*, 1859.
- Salis** (Carl Ulisses von) and **Steinmüller** (Johann Rudolph). Alpina. Eine Schrift der genauern Kenntniss der Alpen gewiedmet. 4 vols. 8vo. *Winterthur*, 1806–09.
- Salmon** (William). See ADMIRALTY PUBLICATIONS.
- Salt Districts** (Landslips). See REPORTS, PARLIAMENTARY.
- Salter** (J. W.). On the Lowest Fossiliferous Beds of North Wales. (Tract.) 8vo. *London*, 1852.
- . Notes explanatory of a Map of the faults of the Dolgelly Gold District, undertaken for Mr. T. A. Readwin. (Tract.) 8vo. *Manchester*, 1862.

- Salter (J. W.).** A Monograph of British Trilobites. [Palæontographical Society.] 4to. London, 1864.
- . A Catalogue of the Cambrian and Silurian Fossils in the Geological Museum of the University of Cambridge, with preface by the Rev. Adam Sedgwick, and a table of genera and index by Prof. Morris. 4to. Cambridge, 1873.
- . See **BELCHER** (Sir Edward), **BRISTOW** (Henry William), **FORBES** (David), **HOWELL** (N. H.), **MURCHISON** (Sir Roderick Impey), **RIBEIRO** (Carlos), and **SURVEYS: GREAT BRITAIN**.
- and **Blanford** (H. F.). Palæontology of Niti, in the Northern Himalaya, being descriptions of the Palæozoic and Secondary Fossils collected by Col. Richard Strachey. 8vo. Calcutta, 1865.
- and **Woodward** (Henry). Chart of Fossil Crustacea. (Notice.) (Tract.) 8vo. London, 1865.
- Salter (Thomas).** Death of Thomas Salter, Esq., of Poole. (Tract.) 4to page. Poole, 1856.
- Salzburg.** Höhen salzburgischer und anderer benachbarten Berge, Alpen, Ortschaften, Flüsse, und Seen. (MS. Chart.) No date.
- Samarang Expedition.** The Zoology of the Voyage of H.M.S 'Samarang,' during the years 1843–1846. By John Edward Gray, John Richardson, Arthur Adams, Lovell Reeve, and Adam White. 4to. London, 1850.
- Sampson (George Vaughan).** Statistical Survey of the County of Londonderry. 8vo. Dublin, 1802.
- . A Memoir explanatory of the Chart and Survey of the County of Londonderry, Ireland. 4to. London, 1814.
- Sandberger (C. L. Fridolin).** Uebersicht der geologischen Verhältnisse des Herzogthums Nassau. (Tract.) 8vo. Wiesbaden, 1847.
- . Untersuchungen über das Mainzer Tertiärbecken und dessen Stellung im geologischen Systeme. (Tract.) 8vo. Wiesbaden, 1853.
- . Ueber *Anoplothea*, eine neue Brachiopoden-Gattung. (Tract.) 8vo. Vienna, 1855.
- . Untersuchungen über den inneren Bau einiger rheinischen Brachiopoden. (Tract.) 2 copies. 8vo. Vienna, 1855.
- . Geologische Beschreibung der Umgebungen von Badenweiler. (Tract.) 4to. Carlsruhe, 1858.
- . Ueber den Carminspath. (Tract.) 8vo. Berlin, 1858.
- . Die Conchylien des Mainzer Tertiärbeckens. 4to. Wiesbaden, 1863.
- . Beobachtungen in der Würzburger Trias. (Tract.) 8vo. Würzburg, 1864.
- . Die Flora der oberen Steinkohlenformation im bädischen Schwarzwald. (Tract.) 4to. Carlsruhe, 1864.
- . Zur Erläuterung der geologischen Karte der Umgebung von Karlsruhe, Durlach. (Tract.) 4to. Carlsruhe, 1864.
- . Die Stellung der Raibler Schichten in dem fränkischen und schwäbischen Keuper. (Tract.) 8vo. Vienna, 1866.
- . Nachträgliche Bemerkungen zu meiner Abhandlung über Olivinfels. (Tract.) 8vo. Würzburg, 1866.
- . Die Gliederung der Würzburger Trias und ihrer Aequivalente. (Tract.) 3 copies. 8vo. Würzburg, 1867.

- Sandberger** (C. L. Fridolin). Zirkon (Hyacinth) im Fichtelgebirge. (Tract.) 2 copies. 8vo. Würzburg, 1867.
- . Ueber Isoklas und Kollophan, zwei neue Phosphate. (Tract.) 8vo. Leipzig, 1870.
- . Die Land- und Süsswasser-Conchylien der Vorwelt. 2 vols. (Text and Atlas.) 4to. Wiesbaden, 1870–75.
- . Ueber die bisherigen Fünde im Würzburger Pfahlbau. (Tract.) 8vo. Würzburg, 1870.
- . Die prähistorische Zeit im Maingebiete. (Tract.) 8vo. Frankfurt, 1875.
- . Ueber merkwürdige Quecksilbererze aus Mexico. (Tract.) 8vo. Munich, 1875.
- . Ueber Ablagerungen der Glacialzeit und ihre Fauna bei Würzburg. (Tract.) 8vo. Würzburg, 1879.
- . See **SANDBERGER** (Guido) and **THEOBALD** (G.).
- Sandberger** (Guido). Beobachtungen über mehrere schwierigere Punkte der Organisation der Goniatiten. (Tract.) 8vo. Wiesbaden, 1851.
- . Ueber Wesen und Bedeutung der Paläontologie. (Tract.) 8vo. Wiesbaden, 1852.
- . Einige Beobachtungen über Clymenien ; mit besonderer Rücksicht auf die westphälischen Arten, etc. (Tract.) 2 copies. 8vo. Bonn, 1853.
- . *Clymenia subnautilina*, n. sp., von Weilburg. (Tract.) 8vo. Wiesbaden, 1855.
- . Paläontologisch-geognostische Kleinigkeiten aus den Rheinlanden. (Tract.) 2 copies. 8vo. Bonn, 1856.
- . Kurze Betrachtungen über Siphon und Siphonaldute, sowie über Eizelle und andere äussere und innere Merkmale der Schale des gemeinen Schiffsbootes (*Nautilus pompilius*, Linné). (Tract.) 8vo. Wiesbaden, 1858.
- and **Sandberger** (C. L. Fridolin). Die Versteinerungen des rheinischen Schichtensystems in Nassau. 4to ; Atlas, fol. Wiesbaden, 1850–56.
- Sanders** (William). Map of the Bristol Coal-fields and country adjacent. Fol. Manuscript, 1862.
- Sandivogius** (Micheel). A new light of Alchymie. Translated from the Latin by J. F. 4to. London, 1650.
- Sandwich** (Edward, Earl of). See **METALS, MINES, and MINERALS**.
- Sandys** (—). See **CAMBRIDGE UNIVERSITY**, Speeches delivered . . . in the Senate-House, 1879.
- Sanford** (W. Ayshford). See **DAWKINS** (William Boyd).
- Sanna-Solaro** (J. M.). Mémoire sur le premier bassin de *Dinotherium* découvert dans le département de la Haute-Garonne. (Tract.) 8vo. Toulouse, 1864.
- Santagata** (Antonio). Della terra interposta fra i cristalli di gesso. (Tract.) 4to. Bologna, 1855.
- . Dei sali efflorescenti nelle argille di Bisano e di Paderno. (Tract.) 4to. Bologna, 1856.
- Santagata** (Domenico). Delle metamorfosi del calcare compatto nel Bolognese. (Tract.) 4to. Bologna, 1848.

- Santagata** (Domenico). Origine delle argille scagliose dal calcare compatto, dal macigno, dall'arenaria, e da un conglomerato ofiolitico. (Tract.) 4to. *Bologna*, 1856.
- Santarem** (Vicomte de). Examen des assertions contenues dans un opuscule intitulé: Sur la publication des monuments de la Géographie, publié au mois d'Août 1847. (Tract.) 8vo. *Paris*, 1849.
- Santer** (E.). See HOCHSTETTER (F. von).
- Santesson** (H.). See SURVEYS: SWEDEN.
- Santi** (Giorgio). Viaggio al Montamiata. 3 vols. 8vo. *Pisa*, 1795.
- . Voyage au Montamiata et dans le Siennois. 2 vols. 8vo. *Lyons*, 1802.
- Saporta** (Gaston de). Sur le rôle des végétaux à feuilles caduques dans les flores tertiaires antérieures au Miocène proprement dit, et spécialement dans celle du gypse d'Aix. (Tract.) 8vo. *Geneva*, 1863.
- . Aperçu sur la flore de l'époque Quaternaire. (Tract.) 8vo. *Caen*, 1867.
- . La flore des tufs quaternaires en Provence. (Tract.) 8vo. *Aix*, 1867.
- . Notice sur l'*Asplenium Petrarchæ*. (Tract.) 8vo. *Paris*, 1867.
- . Caractères de l'ancienne végétation polaire, analyse raisonnée de l'ouvrage de M. Oswald Heer, intitulé '*Flora Fossilis Arctica*.' (Tract.) 8vo. *Paris*, 1868.
- . Note sur la flore fossile de Coumi (Eubée). (Tract.) 8vo. *Paris*, 1868.
- . Sur la flore fossile des régions arctiques. (Tract.) 8vo. *Paris*, 1868.
- . L'école transformiste et ses derniers travaux. (Tract.) 8vo. *Paris*, 1869.
- . Sur l'existence de plusieurs espèces actuelles observées dans la flore pliocène de Meximieux (Ain). (Tract.) 8vo. *Paris*, 1869.
- . Les anciens Climats. (Tract.) 8vo. *Paris*, 1870.
- . La naissance de la vie sur le Globe. (Tract.) 8vo. *Paris*, 1871.
- . Les phénomènes naturels considérés comme expression des mouvements passionnés chez les différentes races humaines. (Tract.) 8vo. *Aix*, 1871.
- . Académie des Sciences, Lettres et Arts de Marseille. Discours de réception prononcé dans la séance publique du 26 Mai, 1872. (Tract.) 8vo. *Marseilles*, 1872.
- . Examen critique d'une collection de plantes fossiles de Koumi (Eubée). (Tract.) 4to. *Paris*, 1873.
- . Notice sur les plantes fossiles de Coumi et d'Oropo. (Tract.) 4to. *Paris*, 1874.
- . Forêts ensévelies sous les cendres éruptives de l'ancien volcan du Cantal, observées par M. J. Rames, et conséquences de cette découverte pour la connaissance de la végétation dans la centre de la France à l'époque Pliocène. (Tract.) 4to. *Paris*, 1873.
- . Notice sur les plantes fossiles du niveau des lits à poissons de Cerin. (Tract.) 8vo. *Lyons and Paris*, 1873.
- . Sur la flore des tufs pliocènes de Meximieux. (Tract.) 8vo. *Paris*, 1873.

- Saporta** (Gaston de). Sur les caractères propres à la végétation pliocène, à propos des découvertes de M. J. Rames dans le Cantal. (Tract.) 8vo. *Paris*, 1873.
- . Sur la présence d'une Cycadée dans le dépôt miocène de Koumi (Eubée). (Tract.) 4to. *Paris*, 1874.
- . Notice sur ses travaux scientifiques. (Tract.) 4to. *Paris*, 1875.
- . Sur la découverte de deux types nouveaux de Conifères dans les schistes permien de Lodève (Hérault). (Tract.) 8vo. *Paris*, 1875.
- . Etude sur la vie et les travaux paléontologiques de Adolphe Brongniart. (Tract.) 8vo. *Meulan*, 1876.
- . Sur la flore carbonifère du département de la Loire et du centre de la France, de M. Cyrille Grand'Eury. (Tract.) 8vo. *Paris*, 1877.
- . Sur le climat des environs de Paris à l'époque du Diluvium gris, à propos de la découverte du laurier dans les tufs quaternaires de la Celle. (Tract.) 8vo. *Paris*, 1877.
- . Préliminaires d'une étude des chênes européens vivants et fossiles comparés. (Tract.) 8vo. *Paris*, 1877.
- . Essai descriptif sur les plantes fossiles des arkoses de Brives, près le Puy-en-Velay. (Tract.) 8vo. *Le Puy*, 1878.
- . Les anciens climats de l'Europe et le développement de la végétation. (Tract.) 4to. *Paris*, 1878.
- . Le Monde des Plantes avant l'apparition de l'homme. 8vo. *Paris*, 1879.
- . See ORBIGNY (Alcide d').
- and **Marion** (A. F.). Essai sur l'état de la végétation à l'époque des marnes heersiennes de Gelinden. (Tract.) 8vo. *Brussels*, 1873.
- . Sur les couches supérieures à la mollasse du bassin de Théziers (Gard) et les plantes fossiles de Vaquières. (Tract.) 8vo. *Paris*, 1874.
- . Recherches sur les végétaux fossiles de Meximieux, précédées d'une introduction stratigraphique par Albert Falsan. 2 copies. 4to. *Lyons, Geneva, and Basle*, 1876.
- Sardinia**. See SELLA (Q.).
- Sargeaunt** (R. A.). Notes on the Climate of the Earth. 8vo. *London*, 1875.
- Sars** (Georg Ossian). Norges ferskavandskrebssdyr: Første afsnit Branchiopoda. (Tract.) 4to. *Christiania*, 1865.
- . Beretning om en i sommeren 1865 foretagen zoologisk reise ved kysterne af Christianias og Christiansands Stifter. (Tract.) 8vo. *Christiania*, 1866.
- Sars** (Michael). Oversigt af Norges Echinodermer. 8vo. *Christiania*, 1861.
- . *Siphonodentalium vitreum*, en ny slægt og art af Dentalidernes familie. (Tract.) 4to. *Christiania*, 1861.
- . Beskrivelse over *Lophogaster typicus*. (Tract.) 4to. *Christiania*, 1862.
- . Geologiske og zoologiske iagttagelser, anstillede paa en reise i en deel af Trondhjems Stift i sommeren 1862. (Tract.) 2 copies. 8vo. *Christiania*, 1863.

- Sars** (Michael). Om de i Norge forekommende fossile dyrelevninger fra kvartærperioden, et bidrag til vorfaunas historie. (Tract.) 4to. *Christiania*, 1865.
- . Fortsætte bemærkninger over det dyriske livs udbredning i Havets Dybder. (Tract.) 8vo. *Christiania*, 1868.
- . Mémoires pour servir à la connaissance des Crinoïdes vivants. (Tract.) 4to. *Christiania*, 1868.
- and **Kjerulf** (Th.). Iagttagelser over den Postpliocene eller Glaciale formation i en del af det sydlige Norge. (Tract.) 4to. *Christiania*, 1860.
- Sartorius** (Georg Christian). Beyträge zur nähern Kenntniss des Flöz-Sandsteins, und einigen geologischen Gedanken. (Tract.) 2 copies. 8vo. *Eisenach*, 1809.
- . Nachtrag zu den geognostischen Beobachtungen und Erfahrungen. (Tract.) 8vo. *Eisenach*, 1823.
- Sartorius von Waltershausen** (W.). Atlas de l'Etna (Atlas des Aetna) par W. S. v. W., assisté de Cavallari J. B. Listing, C. F. Peters, C. Roos et J. Hey. Fol. *Göttingen* and *Weimar*, 1845–61.
- . Physisch-geographische Skizze von Island mit besonderer Rücksicht auf vulkanische Erscheinungen. (Tract.) 8vo. *Göttingen*, 1847.
- . Geologischer Atlas von Island. 4to. *Göttingen*, 1853.
- . Erläuterungen zum geologischen Atlas von Island. (Tract.) 8vo. *Göttingen*, 1853.
- . Ueber die vulkanischen Gesteine in Sicilien und Island und ihre submarine Umbildung. 8vo. *Göttingen*, 1853.
- . Recherches sur les climats de l'époque actuelle et des époques anciennes, particulièrement au point de vue des phénomènes glaciaires de la période diluvienne. (Tract.) 8vo. *Paris*, 1866.
- Saull** (William Devonshire). An Essay on the Coincidence of Astronomical and Geological Phenomena. (Tract.) 8vo. *London*, 1836.
- . An Essay on the connexion between Astronomical and Geological Phenomena. (Tract.) 8vo. *London*, 1853.
- . See **PHILLIPS** (*Sir Richard*).
- Saunders** (Trelawny). A sketch of the Mountains and River-basins of India. 8vo. *London*, 1870.
- Saunders** (William). A Treatise on the Chemical History and Medical Powers of some of the most celebrated Mineral Waters, etc. 8vo. *London*, 1800.
- Saussure** (Horace Bénédict de). Voyages dans les Alpes, précédés d'un essai sur l'histoire naturelle des environs de Genève. 4 vols. 4to. *Neuchâtel*, 1779–96.
- . ———. 8 vols. 8vo. *Geneva*, 1787–96.
- Saussure** (Henri de). Mémoire sur divers Crustacés nouveaux du Mexique et des Antilles. Appendice. 8vo. *Geneva*, 1861.
- . Nécrologie de M. Louis Necker. (Tract.) 8vo. *Paris*, 1861.
- . Coup d'œil sur l'Hydrologie du Mexique, etc. (Tract.) 8vo. *Geneva*, 1862.
- Sauvage** (C.) and **Buvignier** (A.). Statistique minéralogique et géologique du département des Ardennes. 8vo. *Mézières*, 1842.

- Sauvage** (H. Emile). Étude sur le terrain quaternaire de Blandecques, Pas-de-Calais. (Tract.) 2 copies. 8vo. *Boulogne-sur-Mer*, 1865.
- . Les grottes de la Basse-Falize, près Hydrequant. (Tract.) 8vo. *Boulogne*, 1866.
- . Catalogue des poissons des formations secondaires du Boulonnais. 2 copies. 8vo. *Boulogne-sur-Mer*, 1867.
- . Considérations sur les poissons fossiles. (Tract.) 2 copies. 8vo. *Paris*, 1869.
- . Note sur les poissons du calcaire de Rouzon, près le Puy-en-Velay. (Tract.) 8vo. *Paris*, 1869.
- . Recherches sur les poissons fossiles des terrains crétacés de la Sarthe. (Tract.) 8vo. *Paris*, 1870.
- . Synopsis des poissons tertiaires de Licata, Sicile. (Tract.) 8vo. *Paris*, 1870.
- . De la présence d'un reptile du type Mosasaurien dans les formations jurassiques supérieures de Boulogne-sur-Mer. (Tract.) 4to. *Paris*, 1871.
- . De la progressibilité organique et de la variabilité restreinte des types. (Tract.) 8vo. *Paris*, 1871.
- . De la terminaison de la colonne vertébrale chez les Pleuronectes. (Tract.) 2 copies. 4to. *Paris*, 1872.
- . Note sur la position des couches à Polypiers et à *Terebratula insignis* dans le Boulonnais. (Tract.) 8vo. *Paris*, 1872.
- . Étude sur les poissons du Lias supérieur de la Lozère et de la Bourgogne. (Tract.) 8vo. *Montpellier*, 1874.
- . Mémoire sur la faune ichthyologique de la période tertiaire et plus spécialement sur les poissons fossiles d'Oran (Algérie) et sur ceux découverts par M. R. Alby à Licata en Sicile. 8vo. *Paris*, 1874.
- . See **RIGAUX** (E.).
- and **Hamy** (E. T.). Étude sur les terrains quaternaires du Boulonnais, etc. (Tract.) 8vo. *Paris*, 1866.
- and **Rigaux** (E.). Description d'espèces nouvelles des terrains jurassiques de Boulogne-sur-Mer (Pas-de-Calais). (Tract.) 8vo. *Paris*, 1872.
- Sauvages** (F. B. de). Nosologia methodica, sistens morborum classes. 2 vols. 8vo. *Amsterdam*, 1768.
- Savary** (Félix). Mémoire sur l'application du calcul aux phénomènes électro-dynamiques. (Tract.) 4to. *Paris*, 1823.
- Savi** (Paolo). Osservazioni geognostiche sui terreni antichi toscani. (Tract.) 2 copies. 8vo. *Pisa*, 1829.
- . Obituary. (Alla memoria di Paolo Savi.) (Tract.) 8vo. *Pisa*, 1871.
- . Osservazioni geognostiche sul Campigliese. (Tracts.) 8vo. *Pisa*, 1829.
- . Sopra una caverna ossifera stata scoperta in Italia. (Tract.) 8vo.
- . Sulla scorza del globo terrestre e modo di studiarla. (Tract.) 8vo.
- . Catalogo ragionato d'una collezione geognostica, contenente le rocce più caratteristiche della formazione del macigno della Toscana, etc. (Tract.) 8vo. *Pisa*, 1830.

- Savi** (Paolo). Sul mischio di Serravezza, roccia dei traboccamenti dolomitici della Toscana. (Tract.) 8vo. *Pisa*, 1830.
- . Studi geologici sulla Toscana. (Tract.) 8vo. *Pisa*, 1833.
- . Sulla miniera di ferro dell' isola d'Elba. (Tract.) 8vo. *Pisa*, 1836.
- . Sopra i carboni fossili dei terreni mioceni delle Maremme toscane. (Tract.) 8vo. *Pisa*, 1843.
- . Relazione de' fenomeni presentati dai terremoti di Toscana dell' Agosto 1846, etc. (Tract.) 8vo. *Pisa*, 1846.
- . Sulla costituzione geologica dei monti pisani. (Tract.) 8vo. *Pisa*, 1846.
- . Sopra i depositi di sal gemma e sulle acque salifere del Volterrano. (Tract.) 4to. *Pisa*, 1862.
- . De' movimenti avvenuti dopo la deposizione del terreno pliocenico nel suolo della Toscana, etc. (Tract.) 8vo. *Pisa*, 1863.
- . Saggio sulla costituzione geologica della provincia di Pisa. (Tract.) 4to. *Pisa*, 1863.
- . Sulla costituzione geologica delle ellissoidi della catena metallifera ed in particolare di quella delle Alpi apuane. (Tract.) 8vo. *Pisa*, 1864.
- and **Meneghini** (G.). Memoria sulla struttura geologica delle Alpi, degli Apennini, e dei Carpazi, di Sir Roderick Impey Murchison. Traduzione ed Appendice sulla Toscana. 8vo. *Florence*, 1850.
- . Osservazioni stratigrafiche e paleontologiche concernenti la geologia della Toscana e dei paesi limitrofi. (Tract.) 8vo. *Florence*, 1851.
- . Nuovi fossili del Verrucano. (Tract.) 8vo. *Pisa*, 1851.
- Sawkins** (James Gay). On the Movement of Land in the South Sea Islands. (Tract.) 8vo. *London*, 1856.
- . Report to the Directors of the Rio Grande Mining Company. (Tract.) 8vo. *London*?, 1856.
- . Reports on the Geology of Jamaica: with contributions from G. P. Wall, Lucas Barrett, Arthur Lennox, and C. B. Brown, and an Appendix by Robert Etheridge. 8vo. *London*, 1869.
- . See **SURVEYS: WEST INDIES**.
- Saxony**. Die Steinkohlen des Königreichs Sachsen, im ihrem geognostischen und technischen Verhalten geschildert auf Veranlassung des königlich sächsischen Ministerii des Innern. Abtheilung I.—IV. Abth. I. Geognostische Darstellung, von H. B. Geinitz (fol., 1856); Abth. II. Chemische und chemisch-technische Untersuchungen, von W. Stein (4to, 1857); Abth. III. Untersuchungen über die Heizkraft, von E. Hartig (4to, 1860); Abth. IV. Geschichtliche, technische und statistische Notizen, von R. F. Köttig (4to, 1861). Fol. and 4to. *Leipzig*, 1856–61.
- . Beiträge zur geognostischen Kenntniss des Erzgebirges. Auf Anordnung des königl. sächs. Oberbergamtes aus dem Ganguntersuchungsarchiv, herausgegeben durch die hierzu bestellte Commission. Heft I.—III. (von A. W. Stelzner, C. H. Müller, and B. R. Fürster). (Heft I. in duplicate.) 8vo. *Freiberg*, 1865–67.
- Say** (Thomas). An account of some of the Fossil Shells of Maryland. (Tract.) 8vo. *Philadelphia*, 1824.

- Say** (Thomas). Descriptions of terrestrial Shells of North America. (Tract.) 8vo. *Philadelphia*, 1856.
- Scacchi** (Arcangelo). Catalogus conchyliorum regni Neapolitani. (Tract.) 2 copies. 8vo. *Naples*, 1836–37.
- . Osservazioni critiche sulla maniera come fu seppellita l'antica Pompei. (Tract.) 8vo. *Naples*, 1843.
- . Notizie geologiche dei vulcani della Campania. (Tract.) 8vo. *Naples*, 1844.
- . Abstract of a Paper on the Humite of Monte Somma, with observations by James D. Dana. (Tract.) 8vo. *New Haven*, 1852.
- . Dei solfati doppi di manganese e potassa. (Tract.) 8vo. *Naples*, 1857.
- Scafe** (John). King Coal's Levee, or Geological Etiquette. To which is added the Council of the Metals. 2nd edition. 8vo. *Alnwick*, 1819.
- . King Coal's Levee, or Geological Etiquette, with explanatory notes; and the Council of the Metals. Fourth edition. To which is added Baron Basalt's Tour. 8vo. *London*, 1820.
- Scarabelli-Gommi-Flaminj** (G.). Sulla probabilità che il sollevamento delle Alpi siasi effettuato sopra una linea curva. (Tract.) 8vo. *Florence*, 1866.
- . See MASSALONGO (G. A.).
- Scarborough**. See KENDALL (F.).
- Schabus** (J.). See POHL (J. J.).
- Schäffer** (Friedrich Rudolph). Die Bimstein-Körner bei Marburg in Hessen und deren Abstammung aus Vulkanen der Eifel. (Tract.) 8vo. *Marburg*, 1851.
- Schaffgotsch** (F. G.). Ein alter Versuch in neuem Gewande. (Tract.) 8vo. *Berlin*, 1858.
- Schafhäutl** (Karl Emil). Die Geologie in ihrem Verhältnisse zu den übrigen Naturwissenschaften. (Tract.) 4to. *Munich*, 1843.
- . Geognostische Untersuchungen des südbayerischen Alpengebirges. 8vo. *Munich*, 1851.
- . Ueber den gegenwärtigen Zustand, die Bedeutung und die Bedürfnisse der neu gegründeten geognostischen Sammlung des Staates. (Tract.) 8vo. *Munich*, 1851.
- . Ueber die Gliederung des Süd-Bayern'schen Alpen-Kalkes. (Tract.) 8vo. *Berlin*, 1851.
- Scharenberg** (W.). Ueber Graptolithen mit besonderer Berücksichtigung der bei Christiania vorkommenden Arten. 4to. *Breslau*, 1851.
- Scharff** (Friedrich). Ueber den Quarz. (Tract.) 4to. *Frankfort*, 1859.
- . Werner und R. Delisle in Zusammenstellung mit Haiiy. (Tract.) 8vo. *Berlin*, 1859.
- . Ueber die milchige Trübung auf der Endfläche des säuligen Kalkspaths. (Tract.) 8vo. *Stuttgart*, 1860.
- . Ueber die Bildungs-Weise des Aragonits. (Tract.) 8vo. *Berlin*, 1861.
- . Ueber die Ausheilung verstümmelter oder im Wachsen behindert gewesener Krystalle, mit vorzugsweiser Berücksichtigung des Quarzes. (Tract.) 8vo. *Berlin*, 1860.

- Schaub** (Johannes). Physikalisch-mineralogisch-bergmännische Beschreibung des Meissners, eines merkwürdigen Basalt- und Stein-Kohlengebirges in Hessen. 8vo. *Cassel*, 1799.
- Schaubach** (Adolph). Die deutschen Alpen für Einheimische und Fremde geschildert. 5 vols. 8vo. *Jena*, 1871.
- Scheerer** (Theodor). Erste Fortsetzung der Untersuchungen über Gadolinit, Allanit, und damit verwandte Mineralien. (Tract.) 8vo. *Stockholm*, 1842.
- . Lehrbuch der Metallurgie. Vol. II. 8vo. *Brunswick*, 1853.
- . Ueber den Norit und die auf der Insel Hitteröe in dieser Gebirgsart vorkommenden mineralienreichen Granitgänge. (Tract.) 3 copies. 4to. *Nordhausen*, 1845.
- . See **KEILHAU** (B. M.).
- Scheibner** (Christian). De ignium miraculis, locisque semper-ardentibus, singulatim de carbone fossili. (Tract.) 4to. *Wittenberg*, 1693.
- Schenk** (August). Die fossile Flora der Grenzsichten des Keupers und Lias Frankens. 4to. *Wiesbaden*, 1867.
- . See **SCHÖNLEIN** (J. L.).
- Schenkenberg** (F. C. A.). Die lebenden Mineralogen. 8vo. *Stuttgart*, 1842.
- Scherzer** (Karl). Ueber eine Reise nach Amerika in den Jahren 1852 bis 1855. (Tract.) 8vo. *Vienna*, 1856.
- Scheuchzer** (Johann Jacob). Piscium querelæ et vindiciæ. 4to. *Zurich*, 1708.
- . Herbarium diluvianum collectum. Fol. *Leyden*, 1723.
- . Sciagraphia lithologica curiosa, seu: Lapidum figuratorum nomenclator. 4to. *Dantzic*, 1740.
- . Natur-Historie des Schweizerlandes. 3 vols. 4to. *Zurich*, 1752.
- Scheurer-Kestner** (Auguste). Recherches chimiques sur les ossements trouvés dans le Lehm d'Eguisheim. (Tract.) 4to. *Colmar*, 1867.
- Scheutz** (George) and **Scheutz** (Edward). Specimens of Tables, calculated, stereomoulded, and printed by machinery. (Tract.) 8vo. *London*, 1857.
- Schill** (Julius). Die Tertiär- und Quartärbildungen am nördlichen Bodensee und im Höhgau. (Tract.) 8vo. *Stuttgart*, 1859.
- Schimper** (W. Ph.). Traité de paléontologie végétale. 3 vols. 8vo; Atlas (4 vols.), 4to. *Paris*, *London*, and *Madrid*, 1869.
- . Handbuch der Paläontologie. See **ZITTEL** (Karl A.).
- . See **SCHLUMBERGER** (J. Köchlin-).
- and **Mougeot** (A.). Monographie des Plantes fossiles du grès bigarré de la chaîne des Vosges. Filicinæ. 4to. *Leipzig*, 1844.
- Schindler** (Carl von). Geognostische Bemerkungen über die karpatischen Gebirge in dem Königreiche Galizien und Lodomerien, etc. 2 copies. 8vo. *Vienna*, 1815.
- Schiötz** (O. E.). Beretning om nogle undersøgelser over sparagmitkvarts-fjeldet i den østlige deel af Hamar Stift. 8vo. *Christiania*, 1873.

- Schippa**n (Heinrich Adolph). Quer- und Längen-Durchschnitts-Riss einer in Sachsen gefundenen und bis jetzt noch unbekannten Art versteinelter Palme. (Tract.) 4to. *Freiberg*, 1824.
- Schlagintweit** (Adolph). Untersuchungen über die Thalbildung und die Formen der Gebirgszüge in den Alpen, aus: Untersuchungen über die physikalische Geographie der Alpen. (Tract.) 8vo. *Leipzig*, 1850.
- . Allgemeine Bemerkungen über die geologischen Verhältnisse der Alpen. (Tract.) 4to. *Leipzig*, 1850.
- . Ueber den geologischen Bau der Alpen. (Tract.) 8vo. *Berlin*, 1852.
- . Ueber die Temperatur des Bodens und der Quellen in den Alpen. (Tract.) 2 copies. 8vo. *Berlin*, 1854.
- and **Schlagintweit** (Hermann). Ueber die orographische und geologische Structur der Gruppe des Monte-Rosa, aus: Neue Untersuchungen über die physikalische Geographie und die Geologie der Alpen. (Tract.) 8vo. *Leipzig*, 1850.
- ———. Hypsometrische Bestimmungen in den östlichen Alpen, aus: Untersuchungen über die physikalische Geographie der Alpen. (Tract.) 8vo. *Leipzig*, 1850.
- ———. Bericht über die Besteigung des Monte-Rosa im Jahre 1851 und über die Höhenmessung seiner Gipfel. (Tract.) 8vo. *Berlin*, 1853.
- ———. Ueber die Höhe der Gipfel des Monte-Rosa. (Tract.) 8vo. *Berlin*, 1853.
- ———. Atlas zu den neuen Untersuchungen über die physikalische Geographie und die Geologie der Alpen. Fol. *Leipzig*, 1854.
- Schlagintweit** (Hermann). Ueber die physikalischen Eigenschaften des Eises und über die Oscillationen der Gletscher, aus: Untersuchungen über die physikalische Geographie der Alpen. (Tract.) 8vo. *Leipzig*, 1850.
- and **Schlagintweit** (Robert). Official Reports on the last journeys and the death of Adolph Schlagintweit in Turkistán. (Tract.) 4to. *Berlin*, 1859.
- Schlegel** (H.). See SERIALS, ETC.: LEYDEN. Museum d'Histoire naturelle des Pays-Bas.
- Schleiden** (M. J.). See SCHMID (E. E.).
- Schlönbach** (Urban). Ueber die muthmässlichen Parallelen zwischen den Schichten des oberen Pläners im nordwestlichen Deutschland und den gleichalterigen Bildungen im Seinebecken. (Tract.) 2 copies. 4to. *Hanover*, 1865.
- . (Kleine paläontologische Mittheilungen.) Ueber einen Belemniten aus der alpinen Kreide von Grünbach bei Wr.-Neustadt. (Tract.) 8vo. *Vienna*, 1867.
- . ———. III. Die Brachiopoden der böhmischen Kreide. (Tract.) 8vo. *Vienna*, 1868.
- . Beitrag zur Altersbestimmung des Grünsandes von Rothenfelde unweit Osnabrück. (Tract.) 8vo. *Stuttgart*, 1869.
- Schlotheim** (E. F. von). Beschreibung merkwürdiger Kräuter-Abdrücke und Pflanzen-Versteinerungen. Ein Beitrag zur Flora der Vorwelt. Abtheil. I. 4to. *Gotha*, 1804.

- Schlotheim** (E. F. von). Die Petrefactenkunde auf ihrem jetzigen Standpunkte durch die Beschreibung seiner Sammlung versteinerter und fossiler Ueberreste des Thier- und Pflanzenreichs der Vorwelt. 8vo. *Gotha*, 1820.
- . Systematisches Verzeichniss der Petrefactensammlung. (Tract.) 8vo. *Gotha*, 1832.
- Schlumberger** (Joseph Köchlin-). See DELBOS (Joseph).
- and **Schimper** (W. P.). Le terrain de transition des Vosges. 4to. *Strasburg*, 1862.
- Schlüter** (Clemens). Beitrag zur Kenntniss der jüngsten Ammoneen Norddeutschlands. Heft 1. Ammoniten der Senon-Bildungen. (Tract.) 4to. *Bonn*, 1867.
- Schmalhausen** (J.). Die Pflanzenreste aus der Ursa-Stufe im Flussgeschiebe des Ogur in Ost-Sibirien. (Tract.) 8vo. *St. Petersburg*, 1876.
- . Vorläufiger Bericht über die Resultate mikroskopischer Untersuchungen der Futterreste eines sibirischen *Rhinoceros antiquitatis* seu *tichorhinus*. (Tract.) 8vo. *St. Petersburg*, 1876.
- . Beiträge zur Jura-Flora Russlands. (Tract.) 8vo. *St. Petersburg*, 1879.
- . ———. 4to. *St. Petersburg*, 1879.
- Schmeisser** (J. G.). A System of Mineralogy, formed chiefly on the Plan of Cronstedt. 2 vols. 8vo. *London*, 1794–95.
- Schmeller** (Jos. Andreas). See THIERSCH (Fr. von).
- Schmerling** (P. C.). Recherches sur les ossements fossiles découverts dans les cavernes de la province de Liège. 1^e vol. 2 copies. 4to; Plates, fol. *Liège*, 1833.
- Schmick** (J. Heinrich). Die Umsetzungen der Meere und die Eiszeiten der Halbkugeln der Erde, ihre Ursachen und Perioden. 8vo. *Cologne*, 1869.
- . Die Aralo-Kaspi-Niederung und ihre Befunde. 8vo. *Leipzig*, 1874.
- Schmid** (E. E.). Der Ehrenberg bei Ilmenau. Geologisch und lithologisch beschrieben. 8vo. *Jena*, 1876.
- and **Schleiden** (M. J.). Die geognostischen Verhältnisse des Saalthales bei Jena. 2 copies. Fol. *Leipzig*, 1846.
- Schmidel** (Casimir Christoph). Vorstellung einiger merkwürdigen Versteinerungen mit kurzen Anmerkungen. (Tract.) 4to. *Nuremberg*, 1780.
- Schmidt** (Carl). Die Salzquellen zu Staraja-Russa, mit Rücksicht auf die Möglichkeit des Erbohrens sudwürdiger Soolen in den Ostseeprovinzen. (Tract.) 8vo. *Dorpat*, 1854.
- . Ueber die devonischen Dolomit-Thone der Umgegend Dorpats. (Tract.) 8vo. *Dorpat*, 1856.
- . Ueber die devonischen und silurischen Thone Liv- und Ehstlands. (Tract.) 8vo. *Dorpat*, 1857.
- . Die Wasserversorgung Dorpat's, eine hydrologische Untersuchung. 8vo. *Dorpat*, 1863.
- . Hydrologische Untersuchungen. (Tract.) 8vo. *St. Petersburg*, 1877.
- and **Dohrandt** (F.). Wassermenge und Suspensionsschlamm des Amu-Darja in seinem Unterlaufe. (Tract.) 4to. *St. Petersburg*, 1877.

- Schmidt (Friedrich).** Untersuchungen über die silurische Formation von Ebstland, Nord-Livland und Oesel. 8vo. *Dorpat*, 1858.
- Schmidt (F. A.).** Petrefacten-Buch, oder allgemeine und besondere Versteinerungskunde. 4to. *Stuttgart*, 1846.
- Schmidt (Friedrich Christian).** Historisch-mineralogische Beschreibung der Gegend um Jena, etc. 8vo. *Gotha*, 1779.
- Schmidt (Johann Christian Lebrecht).** Theorie der Verschiebungen älterer Gänge mit Anwendung auf den Bergbau, etc. (Tract.) 8vo. *Frankfort*, 1810.
- Schmidt (J. F. Julius).** Die Eruption des Vesuv im Mai 1855. 8vo; Atlas, fol. *Vienna and Olmutz*, 1856.
- . Neue Höhen-Bestimmungen am Vesuv, in den phlegäischen Feldern, zu Roccamonfina und im Albaner-Gebirge, etc. (Tract.) 4to. *Vienna and Olmutz*, 1856.
- . Ueber die erloschenen Vulcane Mährens. (Tract.) 8vo. *Vienna*, 1858.
- . Vulkanstudien. Santorin, 1866 bis 1872. Vesuv, Bajae, Stromboli, Aetna, 1870. 8vo. *Leipzig*, 1874.
- . Studien über Erdbeben. 8vo. *Leipzig*, 1875.
- Schmidt (Oscar).** Das Elen mit dem Hirsch und dem Höhlenbären fossil auf der Grebenzer Alpe in Obersteier. (Tract.) 8vo. *Vienna*, 1859.
- . Die Spongien des Meerbusen von Mexico. Heft 1. 4to. *Jena*, 1879.
- Schmieder (C. C.).** Topographische Mineralogie der Gegend um Halle in Sachsen. 2 copies. 8vo. *Halle*, 1797.
- . Die Geognosie nach chemischen Grundsätzen. 8vo. *Leipzig*, 1802.
- Schmitz (J. W.).** De l'état stationnaire de la philosophie naturelle, ou indications des recherches à faire dans l'astronomie et la physique. (Tract.) 8vo. *Paris and Brussels*, 1837.
- Schneider (Johann Georg).** Geschichte der vorzüglichsten Mineralien des Fürstenthumes Bayreuth. (Theil I. in duplicate.) 8vo. *Hoff*, 1798.
- Schneider (Johann Bernhard).** See HARTIG (Ernst).
- Schockwitz (Johann).** Ferax metallorum atque mineralium Dübens saltus, prope Schmidebergam, in Saxoniae Electorali circulo. (Tract.) 4to. *Wittemberg*, 1692.
- Schomburgk (Robert H.).** A description of British Guiana, geographical and statistical. 8vo. *London*, 1840.
- Schönbauer (Joseph Anton).** Neue analytische Methode die Mineralien und ihre Bestandtheile richtig zu bestimmen. 2 vols. 8vo. *Vienna*, 1805–09.
- Schönberg (Abraham von).** Ausführliche Berg-Information, etc. 8vo. *Leipzig*, 1693.
- Schönbein (C. T.).** On a peculiar Voltaic Condition of Iron, in a letter to Mr. Faraday: with further Experiments on the same subject, by Mr. Faraday. (Tract.) 8vo. *London*, 1836.
- See also FARADAY (Michael).
- Schönbuer (Vincentius).** Mineræ metallorum Hungariæ et Transilvaniæ. Pars I. Sectio I. 8vo. *Vienna*, 1809.

- Schönlein (J. L.) and Schenk (August).** Abbildungen von fossilen Pflanzen aus dem Keuper Frankens. 4to. *Wiesbaden*, 1865.
- Schott (Arthur).** See SURVEYS: UNITED STATES.
- Schott (Charles A.).** See KANE (Elisha Kent).
- Schreber (Johann Christian Daniel).** Lithographia Halensis, exhibens lapides circa Halam Saxonum reperiundos systematice digestos, etc. Præfatus est J. J. Langius. (Tract.) 8vo. *Halle*, 1759.
- Schreber (Daniel Gottfried).** Abhandlung von dem Ursprunge der Gebürge und der darinne befindlichen Erzadern, oder der sogenannten Gänge und Klüfte, etc. (Tract.) 8vo. *Leipzig*, 1770.
- . Beschreibung der Eisen-, Berg- und Hüttenwerke zu Eisenärz in Steyermark. 4to. *Leipzig and Königsberg*, 1772.
- . Beschreibung der Eisen-, Berg- und Hüttenwerke zu Eisenärz in Steyermark. 2nd edition. (No titlepage.) 8vo. *Leipzig*, 1811.
- Schreiber (Carl von).** Beiträge zur Geschichte und Kenntniss meteorischen Stein- und Metall-Massen, etc. Fol. *Vienna*, 1820.
- Schreiber (L. C.).** Grundriss der Geognosie zum Gebrauch meiner Vorlesungen nach dem neuesten Wernerischen System. (Tract.) 8vo. *Meiningen*, 1809.
- Schrenk (Alexander Gustav).** Orographisch-geognostische Uebersicht des Uralgebirges im hohen Norden. (Tract.) 8vo. *Dorpat*, 1849.
- . Uebersicht des obern silurischen Schichtensystems Liv- und Ehstlands, vornämlich ihrer Inselgruppe. Erster Theil. Geognostisch-geologische Skizze. (Tract.) 8vo. *Dorpat*, 1852.
- . Reise durch die Tundren der Samojeden. Zweiter Theil. Wissenschaftliche Beilagen. 8vo. *Dorpat*, 1854.
- Schröder (Christian Friedrich).** Abhandlung vom Brocken und dem übrigen alpinischen Gebürge des Harzes. Neu Auflage. 1^{er} Theil. 8vo. *Leipzig*, 1794.
- Schröder (Karl).** La Rotation souterraine de la masse ignée, ses causes et ses conséquences. (Tract.) 8vo. *Paris*, 1856.
- Schröter (Johann Samuel).** Die Geschichte der Flussconchylien. 4to. *Halle*, 1779.
- . Ueber den innern Bau der See- und einiger ausländischen Erd- und Flusschnecken. 4to. *Frankfort*, 1783.
- . See HACQUET (—).
- Schubert (Gotthilf Heinrich von).** Obituary Notice. See WAGNER (Andreas).
- . Handbuch der Geognosie und Bergbaukunde. (Handbuch der Naturgeschichte, Band II.) 8vo. *Nuremberg*, 1813.
- . Ueber die Einheit im Bauplane der Erdveste. (Tract.) 4to. *Munich*, 1835.
- Schübler (D.).** See ALBERTI (Friedrich von).
- Schuler (Johann Melchior).** Die Linth-Thäler. 8vo. *Zurich*, 1814.
- Schultes (J. A.).** Reise auf den Glockner. 4 vols. 8vo. *Vienna*, 1804.
- . Ausflüge nach dem Schneeberge in Unterösterreich. 2 vols. 8vo. *Vienna*, 1807.
- Schultz (Friedrich).** Ueber den allgemeinen Zusammenhang der Höhen. 4to. *Weimar*, 1803.

- Schultz (Wilhelm).** Beiträge zur Geognosie und Bergbaukunde.
4to. *Berlin*, 1821.
- Schulz (Guillermo).** Descripcion geognóstica del reino de Galicia.
(Tract.) 8vo. *Madrid*, 1835.
- . Reseña geognóstica de la provincia de Asturias, etc. (Tract.)
8vo. *Madrid*, 1838.
- . Descripcion geológica de la provincia de Oviedo. (Tract.)
4to. *Madrid*, 1858.
- . Memoria qui comprende los trabajos verificados en el año de
1855 par las diferentes secciones de la comision encargada de formar
el mapa geológico. 4to. *Madrid*, 1858.
- . Atlas geologico y topográfico de Asturias.
4to. *Madrid*, 1858.
- Schulzen or Schultzen (Christian Friedrich).** Nachricht von den bey
Zöblitz und an andern Orten in Sachsen befindlichen Serpentinstei-
narten, etc. 4to. *Dresden and Leipzig*, 1771.
- . Betrachtung der versteinerten Seesterne und ihrer Theile.
4to. *Warsaw and Dresden*, 1760.
- . Betrachtung der brennbaren Mineralien, ingleichen der an ver-
schiedenen Orten in Sachsen befindlichen Steinkohlen. (Schriften
der Leipziger oekonomischen Societät, 3^{er} Theil.)
8vo. *Dresden*, 1777.
- Schumacher (Christian Friedrich).** Versuch eines Verzeichnisses der in
den dänisch-nordischen Staaten sich findenden einfachen Mineralien,
mit Tabellen der einfachen Fossilien. 2 copies.
4to. *Copenhagen*, 1801.
- Schumacher (Paul).** Methods of making Stone Weapons.
8vo. *Washington*, 1877.
- . Researches in the Kjökkenmöddings of the coast of Oregon and
of the Santa Barbara Islands and adjacent mainland. (Tract.)
8vo. *Washington*, 1877.
- Schumann (J.).** Die Diatomeen der Hohen Tatra. [Beilage von der k.-k.
zool.-botan. Gesellschaft in Wien.] 8vo. *Vienna*, 1867.
- Schuster (Gustav).** Geognostische Beschreibung des Stemmer Berges.
(Tract.) 8vo. *Göttingen*, 1841.
- Schüttens (Johann Heinrich).** Oryctographia Jenensis, sive fossilium
et mineralium in agro Jenensi brevissima descriptio, etc. 2nd
edition. 8vo. *Jena*, 1761.
- Schütz (Karl von).** Reise vom Linththal über die Limmern Alp nach
Brigels. (Tract.) 8vo. *Zurich*, 1812.
- Schwann (Theodore).** Instructions pour l'observation des phénomènes
périodiques de l'Homme. (Tract.) 8vo. *Brussels*, 1842.
- Schwarcz (Julius).** A görögök geológiája jobb Napjaikbou. (Tract.)
Fol. *Pesth*, 1861.
- . A görögök holdja Pericles Korábau s valami a Democritfele
lejútról. (Tract.) Fol. *Pesth*, 1861.
- . Földtani Elméletek a Hellénségnel nagy sándor koráig.
8vo. *Pesth*, 1861.
- . La géologie antique et les fragments du clazoménien.
8vo. *Pesth*, 1861.

- Schwarcz (Julius).** On the failure of Geological Attempts in Greece prior to the epoch of Alexander. Part I. (Tract.) 4to. *London*, 1862.
- . Földtani Kisértetek a Hellénségnél Nagysándorkoráig. 8vo. *Pesth*, 1863.
- Schwartz (G. M.).** Handbok i Oryktognosien (1^{ia} Häft). (Tract.) 8vo. *Stockholm*, 1803–04.
- Schwartz-von-Mohrenstern (Gustav).** Ueber die Familie der Rissoiden und insbesondere die Gattung *Rissoina*. 4to. *Vienna*, 1860.
- . Ueber die Familie der Rissoiden. II. *Rissoa*. (Tract.) 8vo. *Vienna*, 1863.
- . ———. (Tract.) 4to. *Vienna*, 1864.
- Schwarze (G.).** Die fossilen Thierreste vom Unkelstein in Rheinpreussen. (Tract.) 8vo. *Bonn*, 1879.
- Schweigger (August Friedrich).** Beobachtungen auf naturhistorischen Reisen. 4to. *Berlin*, 1819.
- . Observations on the Anatomy of *Corallina Opuntia* and some other species of Corallines. 8vo. *Edinburgh*, 1826.
- Schwerin (C. J. E. von).** Geognostische Profile nach eigenen Beobachtungen. (Tract.) 8vo. *Munich*, 1829.
- Schythe (J. C.).** Hekla og dens sidste odbrud den 2den September 1845. 8vo. *Copenhagen*, 1847.
- Science and Art Department.** [Promotion of the] Central Hall of Arts and Sciences. (Tract.) 8vo. *London*, 1866.
- . Conferences held in connection with the Special Loan Collection of Scientific Apparatus, 1876. 2 vols. 8vo. *London*, 1877.
- . Catalogue of the Special Loan Collection of Scientific Apparatus at the South Kensington Museum, 1876. 3rd edition. 8vo. *London*, 1877.
- Scilla (Agost.).** De corporibus marinis lapidescentibus quæ defossa reperiuntur, addita dissertatione Fabii Columnæ de Glossopetris. 4to. *Rome*, 1757.
- . ———. Editio altera. 4to. *Rome*, 1759.
- Scinà (Domenico).** Rapporto sulle ossa fossili di Mardolce e degli altri contorni di Palermo. (Tract.) 2 copies. 8vo. *Palermo*, 1831.
- Scinde and Punjaub Railways.** See **ANDREWS (W. P.)**.
- Sclater (Philip Lutley).** See **NITZSCH (C. L.)**.
- Scoresby (William, jun.).** Narrative of an Excursion upon the Island of Jan Mayen; containing some account of its Appearance and Productions. (Tract.) 8vo. *Edinburgh*, 1819.
- Scott (A. J.).** Analyses of Indian Ores of Manganese, and of some Scottish Zeolites. (Tract.) 8vo. *Edinburgh*, 1852.
- Scott (John).** See **DOUGLAS (J. W.)**.
- Scott (Robert Henry).** See **HAUGHTON (Samuel)**.
- and **Galloway (William).** On the connexion between the Explosions in Collieries and Weather. (Tract.) 8vo. *London*, 1872.
- . Notes on the connexion between Colliery Explosions and Weather in the years 1871 and 1872. (Tracts.) 8vo. *London*, 1874.
- Scott (William).** Stourbridge and its Vicinity. 8vo. *Stourbridge*, 1832.

- Scott** (William B.). See SERIALS, ETC.: PRINCETON, N. J., Museum of Geology, etc.
- Scouler** (John). Letter to the Committee of Chemistry and Mineralogy [of the Royal Dublin Society]. (Tract.) 8vo. *Dublin*, 1835.
- . An account of some Fossil Crustacea which occur in the Coal Formation. (Tract.) 8vo. *London*, 1835.
- Scrivenor** (Harry). The Iron Trade; tracing its rise and progress, with its present state. (Tract.) 4to.
- Scrope** (George Poulett). Considerations on Volcanos, leading to the establishment of a new Theory of the Earth. 4to. *London*, 1825.
- . Considerations on Volcanos, etc., leading to a new Theory of the Earth. 8vo. *London*, 1825.
- . Memoir on the Geology of Central France, including the Volcanic formations of Auvergne, the Velay, and the Vivarais. Maps and Plates. 2 copies. 4to. *London*, 1827.
- . The Geology and extinct Volcanos of Central France. 8vo. *London*, 1858.
- . On the Mode of Formation of Volcanic Cones and Craters. (Tract.) 8vo. *London*, 1859.
- . Mémoire sur le mode de formation des cônes volcaniques et des cratères; traduit par Endymion Pieraggi. (Tract.) 8vo. *Paris*, 1860.
- . Volcanos: the character of their phenomena, their share in the structure and composition of the surface of the globe, and their relation to its internal forces. 8vo. *London*, 1862.
- . 2nd edition. 8vo. *London*, 1872.
- Scudder** (Samuel Hubbard). Bibliography. See DIMMOCK'S SPECIAL BIBLIOGRAPHIES, No. 3.
- . Revision of the large, stylated, fossorial Crickets. (Tract.) 4to. *Salem, Mass.*, 1866.
- . On the Carboniferous Myriapods preserved in the Sigillarian Stumps of Nova Scotia. (Tract.) 4to. *Boston*, 1873.
- . Fossil Butterflies. 4to. *Salem, Mass.*, 1875.
- . (On a series of Post-pliocene Fossils from the cliff at Sankoty Head, Nantucket.) (Tract.) 8vo. *Boston*, 1875.
- . Brief synopsis of North-American Earwigs, with an appendix of the fossil species.—List of the Orthoptera collected by Dr. A. S. Packard in Colorado and the neighbouring territories during the summer of 1875.—Notice of a small collection of Butterflies made by Dr. A. S. Packard in Colorado and Utah in 1875. (Tract.) 8vo. *Washington*, 1876.
- . Fossil Coleoptera from the Rocky Mountain Tertiaries. (Tract.) 8vo. *Washington*, 1876.
- . Fossil Orthoptera from the Rocky Mountain Tertiaries. (Tract.) 8vo. *Washington*, 1876.
- . On the first discovered traces of Fossil Insects in the American Tertiaries, and on two new Carabidæ from the interglacial deposits of Scarboro' Heights, near Toronto, Canada. (Tract.) 2 copies. 8vo. *Washington*, 1877.
- . The Insects of the Tertiary Beds at Quesnel [British Columbia]. (Tract.) 8vo. *Montreal*, 1877.

- Scudder** (Samuel Hubbard). Additions to the Insect Fauna of the Tertiary Beds at Quesnel, British Columbia. (Tract.) 8vo. *Montreal*, 1877.
- . A Year of Exploration in North America. President's Address before the Appalachian Mountain Club, 1878. (Tract.) 8vo. *Boston*, 1878.
- . Entomological Notes. VI. (Tract.) 8vo. *Boston*, 1878.
- . An account of some Insects of unusual interest from the Tertiary Rocks of Colorado and Wyoming. (Tract.) 8vo. *Washington*, 1878.
- . Notice of the Butterflies collected by Dr. Edward Palmer in the arid regions of Southern Utah and Northern Arizona during the summer of 1877. (Tract.) 8vo. *Washington*, 1878.
- . The Fossil Insects of the Green-River Shales. (Tract.) 8vo. *Washington*, 1878.
- . Geography of North America. 8vo. *New York*, 1878.
- . Catalogue of Scientific Serials of all Countries, including the Transactions of Learned Societies in the Natural, Physical, and Mathematical Sciences, 1633–1876. (Special publications of the Harvard University Library, No. 1.) 8vo. *Cambridge, Mass.*, 1879.
- . Insects from the Tertiary Beds of the Nicola and Similkameen Rivers, British Columbia. 8vo. *Montreal*, 1879.
- . Palæozoic Cockroaches: a complete revision of the species of both worlds, with an essay towards their classification. 4to. *Boston*, 1879.
- . The early types of Insects: or the origin and sequence of Insect life in Palæozoic times. (Tract.) 4to. *Boston*, 1879.
- . See HARRIS (Thaddeus William).
- Seale** (Robert F.). The Geognosy of the Island of St. Helena, illustrated in a series of views, plans, and sections. Fol. *London*, 1834.
- Seaman** (Ezra C.). Views of Nature, and of the Elements, Forces, and Phenomena of Nature and of Mind. 8vo. *New York*, 1873.
- Sedgwick** (Adam). On the Phenomena connected with some Trap Dykes in Yorkshire and Durham. (Tract.) 4to. *Cambridge*, 1823.
- . On the Association of Trap Rocks with the Mountain Limestone formation in High Teesdale, etc. (Tract.) 4to. *Cambridge*, 1824.
- . A Syllabus of a course of Lectures on Geology. 2nd edition. 8vo. *Cambridge*, 1832.
- . A Discourse on the Studies of the University. 8vo. *Cambridge*, 1833.
- . Geology of the Lake District, in three letters addressed to W. Wordsworth. 8vo. *Kendal*, 1843.
- . A Lecture on the Strata near Cambridge and the Fens of the Bedford Level. (Tract.) 8vo. *Not published*.
- . A Discourse on the Studies of the University of Cambridge. 5th edition. 8vo. *London and Cambridge*, 1850.
- . Geology of the Lake District of Cumberland, Westmoreland, and Lancashire, in letters addressed to W. Wordsworth. (Tract.) 8vo. *Kendal*, 1853.
- . A Reply to two statements published by the Palæontographical Society in their volume for 1852, etc. (Tract.) 8vo. *London*, 1854.

- Sedgwick** (Adam). On the May Hill Sandstone, and the Palæozoic System of England. (Tract.) 2 copies. 8vo. *London*, 1854.
- . Rejoinder to Professor Milne Edwards and Mr. Bowerbank. (Tract.) 8vo. *London*, 1854.
- . A Synopsis of the Classification of the British Palæozoic Rocks. 4to. *London and Cambridge*, 1855.
- . Synopsis of the British Tertiary System. (Tract.) 4to.
- . Remarks on a passage in the President's Address delivered at the Anniversary Meeting of the Geological Society of London, on the 15th of February, 1856. (Tract.) 8vo. *London*, 1857.
- . See **SALTER** (J. W.) and **SEELEY** (Harry Govier).
- and **McCoy** (Frederick). Synopsis of the Classification of the British Palæozoic Rocks. With a Systematic description of the British Palæozoic Fossils in the Geological Museum of the University of Cambridge. 4to. *London and Cambridge*, 1855.
- and **Murchison** (R. I.). A Sketch of the structure of the Austrian Alps, &c. (Tract.) 2 copies. 8vo. *London*, 1830.
- . Abstract of three Memoirs on the Tertiary Formations of Austria and Bavaria. (Tract.) 8vo. *London*, 1830.
- . On the Tertiary Deposits of Lower Styria. (Tract.) 8vo. *London*, 1830.
- . Classification of the Older Stratified Rocks of Devonshire and Cornwall. (Tract.) 2 copies. 8vo. *London*, 1839.
- . Supplementary Remarks on the "Devonian" System of Rocks. (Tract.) 8vo. *London*, 1839.
- Seebach** (Karl von). Die Conchylien-Fauna der weimarischen Trias. (Inaugural-Dissertation an der Universität Göttingen.) 8vo. *Berlin*, 1862.
- . Der hannoversche Jura. 4to. *Berlin*, 1864.
- . Ueber den Vulkan Izalco und den Bau der central-amerikanischen Vulkane im Allgemeinen. (Tract.) 8vo. *Göttingen*, 1865.
- . Bericht über die vulkanischen Neubildungen bei Santorin. (Tract.) 8vo. *Göttingen*, 1866.
- . Ueber den Vulkan von Santorin und die Eruption von 1866. 4to. *Göttingen*, 1867.
- Seeland** (F.). Der Hüttenberger Erzberg und seine nächste Umgebung. (Tract.) 8vo. *Vienna*, 1876.
- Seeley** (Harry Govier). Description of two new Species of Chalk Starfishes. (Tract.) 8vo. *London*, 1858.
- . Notes on Cambridge Palæontology. (Tract.) 2 copies. 8vo. *London*, 1861.
- . Notice of opinions on the Stratigraphical Position of the Red Limestone of Hunstanton. (Tract.) 2 copies. 8vo. *London*, 1861.
- . On learning Geology. (Tract.) 8vo. *London*, 1861.
- . Notes on Cambridge Geology. (Tract.) 2 copies. 8vo. *London*, 1862.
- . A help to the Identification of fossil Bivalve Shells. (Tract.) 2 copies. 8vo. *London*, 1864.
- . *Mytilus spathulatus*, a new Cretaceous species. (Tract.) 2 copies. 8vo. *London*, 1864.

- Seeley (Harry Govier). On the Fossils of the Hunstanton Red Rock. (Tract.) 8vo. London, 1864.
- . On the Hunstanton Red Rock. (Tract.) 2 copies. 8vo. London, 1864.
- . On Ammonites from the Cambridge Greensand. (Tract.) 8vo. London, 1865.
- . On a new Lizard, with Ophidian affinities (*Sauropsondylus dissimilis*), from the Lower Chalk. (Tract.) 8vo. London, 1865.
- . On a Section discovering the Cretaceous beds at Ely. (Tract.) 8vo. London, 1865.
- . On *Plesiosaurus macropterus*, a new species from the Lias of Whitby. (Tract.) 2 copies. 8vo. London, 1865.
- . On the Literature of English Pterodactyles. (Tract.) 2 copies. 8vo. London, 1865.
- . On two new Plesiosaurs from the Lias. (Tract.) 8vo. London, 1865.
- . A Sketch of the Gravels and Drift of the Fenland. (Tract.) 2 copies. 8vo. London, 1866.
- . Note on some new Genera of Fossil Birds in the Woodwardian Museum. (Tract.) 2 copies. 8vo. London, 1866.
- . Notice of *Torynocrinus* and other new and little-known fossils from the Upper Greensand of Hunstanton. (Tract.) 2 copies. 8vo. London, 1866.
- . On the Fossils of the Carstone Formation. (Tract.) 2 copies. 8vo. London, 1866.
- . Outline of a Theory of the Skeleton and the Skull. (Tract.) 3 copies. 8vo. London, 1866.
- . Theoretical remarks on the Gravel and Drift of the Fenlands. (Tract.) 8vo. London, 1866.
- . The Rock of the Cambridge Greensand. (Tract.) 2 copies. 8vo. London, 1866.
- . Remarks on the Potton Sands, in reply to Mr. Walker's Paper. (Tract.) 2 copies. 8vo. London, 1867.
- . The Method of Geology. (Tract.) 2 copies. 8vo. London, 1867.
- . On the Collocation of the Strata at Roswell Hole, near Ely. (Tract.) 2 copies. 8vo. London, 1868.
- . Index to the fossil remains of Aves, Ornithosauria, and Reptilia from the Secondary system of strata arranged in the Woodwardian Museum of the University of Cambridge. With a prefatory notice by A. Sedgwick. 8vo. Cambridge, 1869.
- . On *Ornithopsis*, a gigantic animal of the Pterodactyle kind from the Wealden. (Tract.) 8vo. London, 1870.
- . On *Zoocapsa dolichorhamphia*, a sessile Cirripede from the Lias of Lyme Regis. (Tract.) 8vo. London, 1870.
- . Remarks on Prof. Owen's Monograph on *Dimorphodon*. (Tract.) 2 copies. 8vo. London, 1870.
- . The Ornithosauria, an elementary study of the bones of Pterodactyles. 8vo. Cambridge, 1870.
- . Additional Evidence of the Structure of the Head in Ornithosaurs from the Cambridge Upper Greensand. (Tract.) 2 copies. 8vo. London, 1871.

- Seeley** (Harry Govier). Note on Prof. Cope's Interpretation of the Ichthyosaurian head. (Tract.) 8vo. London, 1871.
- . Note on some Chelonian Remains from the London Clay. (Tract.) 2 copies. 8vo. London, 1871.
- . On *Acanthopholis platypus* (Seeley), a Pachypod from the Cambridge Upper Greensand. (Tract.) 2 copies. 8vo. London, 1871.
- . On a new Species of *Plesiosaurus* from the Portland Limestone. (Tract.) 2 copies. 8vo. London, 1871.
- . The Origin of the Vertebrate Skeleton. (Tract.) 3 copies. 8vo. London, 1872.
- . On *Cetarthrosaurus Walkeri* (Seeley), an Ichthyosaurian from the Cambridge Upper Greensand. (Tract.) 2 copies. 8vo. London, 1873.
- . Note on some of the Generic Modifications of the Plesiosaurian Pectoral Arch. (Tract.) 2 copies. 8vo. London, 1874.
- . On Cervical and Dorsal Vertebrae of *Crocodylus cantabrigiensis* (Seeley), from the Cambridge Upper Greensand. (Tract.) 2 copies. 8vo. London, 1874.
- . On *Murænosaurus Leedsii*, a Plesiosaurian from the Oxford Clay. (Tract.) 2 copies. 8vo. London, 1874.
- . On the base of a large Lacertian Cranium from the Potton Sands, presumably Dinosaurian. (Tract.) 2 copies. 8vo. London, 1874.
- . On the Pectoral Arch and Fore Limb of *Ophthalmosaurus*, a new Ichthyosaurian genus from the Oxford Clay. (Tract.) 2 copies. 8vo. London, 1874.
- . On the Tibia of *Megalornis*, a large Struthious Bird from the London Clay. (Tract.) 2 copies. 8vo. London, 1874.
- . Resemblances between the Bones of Typical Living Reptiles and the Bones of other Animals. (Tract.) 8vo. London, 1874.
- . On an Ornithosaurian (*Doratorhynchus validus*) from the Purbeck Limestone of Langton near Swanage. (Tract.) 2 copies. 8vo. London, 1875.
- . On the Axis of a Dinosaur from the Wealden of Brook in the Isle of Wight, probably referable to the Iguanodon. (Tract.) 2 copies. 8vo. London, 1875.
- . On the Femur of *Cryptosaurus eumerus*, Seeley, a Dinosaur from the Oxford Clay of Great Gransden. (Tract.) 2 copies. 8vo. London, 1875.
- . On the Maxillary Bone of a new Dinosaur (*Priodontognathus Phillipsii*). (Tract.) 2 copies. 8vo. London, 1875.
- . Similitudes of the Bones in the Enaliosauria. (Tract.) 8vo. London, 1876.
- . On an associated series of Cervical and Dorsal Vertebrae of *Polyptychodon*, from the Cambridge Upper Greensand. (Tract.) 8vo. London, 1876.
- . On *Crocodylus icenicus* (Seeley), a second and larger species of Crocodile from the Cambridge Upper Greensand. (Tract.) 8vo. London, 1876.
- . On *Macrosaurus semnus* (Seeley), a long-tailed animal with Pro-cœlous Vertebrae, from the Cambridge Upper Greensand. (Tract.) 8vo. London, 1876.

- Seeley** (Harry Govier). On remains of *Emys hordwellensis* (Seeley), from the lower Hordwell beds in the Hordwell cliff. (Tract.) 8vo. London, 1876.
- . On the British fossil Cretaceous Birds. (Tract.) 8vo. London, 1876.
- . On the occurrence of *Zeuglodon Wanklynii* in the Barton Clay of Hampshire. (Tract.) 8vo. London, 1876.
- . On the Organization of the Ornithosauria. (Tract.) 8vo. London, 1876.
- . On the posterior portion of a Lower Jaw of Labyrinthodon (*L. Lavis*), from the Trias of Sidmouth. (Tract.) 8vo. London, 1876.
See also **LAVIS** (H. J. Johnston-).
- . On *Mavisaurus Gardneri* (Seeley), an Elasmosaurian from the base of the Gault at Folkestone. (Tract.) 8vo. London, 1877.
- . On the Vertebral Column and Pelvic Bones of *Pliosaurus Evansi* (Seeley), from the Oxford Clay of St. Neots. (Tract.) 8vo. London, 1877.
- . On a new Species of *Procolophon* from the Cape Colony . . . with some remarks on the affinities of the Genus. (Tract.) 8vo. London, 1878.
- . Die Dinosaurier. (Tract.) 8vo. Vienna, 1879.
- . On the Dinosauria. (Tract.) 8vo. London, 1879.
- Seetzen** (U. J.). A Brief Account of the Countries adjoining the Lake of Tiberias, the Jordan, and the Dead Sea. (Tract.) 4to. Bath (imp.) and London, 1810.
- Sefström** (N. G.). An Investigation of the furrows which traverse the Scandinavian Mountains in certain directions, together with the probable cause of their origin. Translated by S. H. Thomas. (Tract.) 8vo. London, 1843.
- Seguenza** (Giuseppe). Ricerche mineralogiche sui filoni metalliferi di Fiumedinisi e suoi dintorni in Sicilia. (Tract.) 8vo. Messina, 1856.
- . Intorno ad un nuovo genere di Foraminiferi fossili del terreno miocenico di Messina. (Tract.) 8vo. Messina, 1859.
- . Notizie succinte intorno alla nstituzione geologica dei terreni terziarii del distretto di Messina. (Tract.) 4to. Messina, 1862.
- . Prime ricerche intorno ai Rizopodi fossili delle argille pleistoceniche dei dintorni di Catania. (Tract.) 4to. Catania, 1862.
- . Sulla formazione miocenica di Sicilia. (Tract.) 8vo. Messina, 1862.
- . Disquisizioni paleontologiche intorno ai Corallarii fossili delle rocce terziarie del distretto di Messina. (Tract.) 2 copies. 4to. Turin, 1863–64.
- . Intorno alla fluorina siciliana. (Tract.) 8vo. Milan, 1864.
- . Intorno ai Brachiopodi miocenici delle provincie piemontesi. (Tract.) 8vo. Naples, 1866.
- . Sulle importanti relazioni paleontologiche di talune rocce cretacee della Calabria, etc. (Tract.) 4to. Milan, 1866.
- . Breve cenno di ricerche geognostiche ed organografiche intorno ai Brachiopodi terziarii delle rocce messinesi. (Tract.) 8vo. Naples, 1865.
- . Description d'un Pedicularia fossile. (Tract.) 8vo. Paris, 1865.
- . Paleontologia malacologica dei terreni terziarii del distretto di Messina. (Tract.) 2 copies. 4to. Milan, 1865.
- . ———. Famiglia Fissurellidi. (Tract.) 4to. Milan, 1866.

- Seguenza** (Giuseppe). Paleontologia malacologica dei terreni terziarii del distretto di Messina. Pteropodi ed Eteropodi. (Tract.) 2 copies. 4to. *Milan*, 1867.
- . Dei Brachiopodi viventi e terziarii pubblicati dal Prof. O. G. Costa. (Tract.) 8vo. *Pisa*, 1870.
- . Sull' antica distribuzione geografica di talune specie malacologiche viventi. (Tract.) 8vo. *Pisa*, 1870.
- . Una parola sulla costituzione geologica dei terreni del territorio di Mistretta. (Tract.) 12mo. *Messina*, 1870.
- . Contribuzione alla geologia della provincia di Messina: breve nota intorno le formazioni primarie e secondarie. (Tract.) 8vo. *Florence*, 1871.
- . Studii paleontologici sui Brachiopodi terziarii dell' Italia meridionale. (Tract.) 8vo. *Pisa*, 1871.
- . Sull' età geologica delle rocce secondarie di Taormina. (Tract.) 2 copies. 8vo. *Messina*, 1871.
- . I Cirripedi terziarii dell' Italia meridionale. (Tract.) 8vo. *Pisa*, 1872.
- . Brevissimi cenni intorno la serie terziaria della provincia di Messina. (Tract.) 8vo. *Florence*, 1873.
- . Intorno ad alcuni Cirripedi raccolti nel Mar Rosso. (Tract.) 8vo. *Genoa*, 1873.
- . La formazione cristallina presso Gallico, prov. di Reggio, Calabria. (Tract.) 8vo. *Naples*, 1873.
- . Ricerche paleontologiche intorno ai Cirripedi terziarii della provincia di Messina. (Tract.) 4to. *Naples*, 1873.
- . Ricerche paleontologiche intorno ai Cirripedi terziarii della provincia di Messina. Parte II. (Tract.) 4to. *Naples*, 1876.
- . Una visita geologica a Brancaleone di Calabria. (Tract.) 8vo. *Naples*, 1873.
- . Dell' oligoceno in Sicilia. (Tract.) 8vo. *Messina*, 1874.
- . Elenco dei lavori pubblicati da G. Seguenza. (Tract.) 4to. *Naples*, 1874.
- . L'oligoceno in Sicilia. (Tract.) 4to. *Naples*, 1874.
- . Sulla relazione di un viaggio geologico in Italia del Dott. T. Fuchs, coll' aggiunta di notizie e di considerazioni del Dott. A. Manzoni. (Tract.) 8vo. *Milan*, 1874.
- . Studi paleontologici sulla fauna malacologica dei sedimenti pliocenici depositatisi a grandi profondità. (Tract.) 8vo. *Pisa*, 1875.
- . Sulla relazione di un viaggio geologico in Italia per T. Fuchs. (Tract.) 8vo. *Rome*, 1875.
- . ——. Terza nota. 8vo. *Rome*, 1875.
- . Cenni intorno alle Verticordie fossili del plioceno italiano. (Tract.) 4to. *Naples*, 1876.
- . Intorno al gabinetto geologico della provincia di Messina. (Tract.) 8vo. *Messina*, 1876.
- . Nuculidi terziarie rinvenute nelle provincie meridionali d'Italia. (Tract.) 4to. *Rome*, 1877.
- . Da Reggio a Terreti. (Tract.) 8vo.
- Seguin** (ainé). Mémoire sur une nouveau système de moteur fonctionnant toujours avec la même vapeur, etc. (Tract.) 4to. *Paris*, 1857.

Seibert (P.). See SURVEYS: HESSE.

Seidel (Ludwig). Untersuchungen über die Lichtstärke der Planeten Venus, Mars, Jupiter und Saturn, verglichen mit Sternen, und über die relative Weisse ihrer Oberflächen. [Monumenta Sæcularia.] (Tract.) 2 copies. 4to. *Munich*, 1859.

Selb (C. J.). See LEONHARD (K. C.).

Sella (Quintino). Sulla legge di connessione delle forme cristalline di una stessa sostanza. (Tract.) 8vo. *Turin*, 1856.

——. Sulle forme cristalline di alcuni sali di platino e del boro adamantino. (Tract.) 4to. *Turin*, 1857.

——. Sulle forme cristalline del boro adamantino. 2^a memoria. (Tract.) 4to. *Turin*, 1857.

——. Sulle forme cristalline di alcuni sali derivati dell' ammoniaca. (Tract.) 4to. *Turin*, 1861.

——. Relazione sulla memoria di Giovanni Struever intitolata: Studii sulla mineralogia italiana, pirite del Piemonte e dell' Elba. (Tract.) 8vo. *Turin*, 1869.

——. Relazione del deputato Sella, alla Commissione d'inchiesta sulle condizioni dell' Industria mineraria nell' isola di Sardegna. 4to; Atlas, fol. *Turin*?, 1871.

Sella (G.). See HAMILTON (W.) and SARDINIA.

Selldon (S. E.). On some ores of Iron and Coal from Sugar Creek on the Mahogany River. (Tract.) 8vo. *London*, 1840.

Selwyn (Alfred R. C.). Notes and Observations on the Gold Fields of Quebec and Nova Scotia. (Tract.) 2 copies. 8vo. *Halifax, N. S.*, 1871.

——. The Stratigraphy of the Quebec Group and the Older Crystalline Rocks of Canada. (Tract.) 8vo. *Montreal*, 1879.

—— and **Ulrich** (George H. F.). Notes on the Physical Geography, Geology, and Mineralogy of Victoria. (Tract.) 8vo. *Melbourne*, 1866.

——. Stratigraphical collection of Rocks of Canada. See EXHIBITION OF 1876 (Philadelphia).

——. See EXHIBITION OF 1862; REPORTS, COLONIAL, VICTORIA; and SURVEYS, CANADA.

Senarmont (H. de). Expériences sur la formation des minéraux par voie humide dans les gîtes métallifères concrétionnés. (Tract.) 8vo. *Paris*, 1851.

——. Sur la formation artificielle, par voie humide, de quelques espèces minérales qui ont pu se produire dans les sources thermales sous l'influence combinée de la chaleur et de la pression. 8vo. *Paris*, 1850.

Sendelius (Nathanael). Historia Succinorum corpora aliena involventium et naturæ opere, etc. Fol. *Leipzig*, 1742.

Senebier (Jean). Mémoire historique sur la vie et les écrits de Horace Bénédic De Saussure. 8vo. *Geneva*, 1801.

Senft (Ferdinand). Classification und Beschreibung der Felsarten. 8vo. *Breslau*, 1857.

——. Die Humus-, Marsch-, Torf- und Limonitbildungen. (Für Geognosten, Bergleute, Forst- und Landwirthe.) 8vo. *Leipzig*, 1862.

——. Der Steinschutt und Erdboden nach Bildung, Bestand, Eigenschaften, Veränderungen und Verhalten zum Pflanzenleben für Land- und Forstwirthe. 8vo. *Berlin*, 1867.

- Senft** (Ferdinand). Die krystallinischen Felsgemengtheile nach ihren mineralischen Eigenschaften, chemischen Bestandtheilen, Abarten, Umwandlungen, Associationen und Felsbildungsweisen. Für Mineralogen, Geognosten und Bergleute. 8vo. *Berlin*, 1868.
- . Synopsis der Mineralogie und Geognosie. 2 vols. 8vo. *Hanover*, 1875–76.
- . Synopsis der Mineralogie und Geognosie. Ein Handbuch für höhere Lehranstalten, etc. 2te Abtheil.; Geognosie. 2te Hälfte: Formationenlehre. 8vo. *Hanover*, 1878.
- . Fels und Erdboden. Lehre von der Entstehung und Natur des Erdbodens. 8vo. *Munich*, 1876.
- . Lehrbuch der Gesteins- und Bodenkunde. 8vo. *Berlin*, 1877.
- . Die Thonsubstanzen (Kaolin, Thon, Löss, Lehm, Letten, und Mergel) nach Entstehungsweise, Bestand, Eigenschaften und Ablagerungsorten für Forstwirthe, Landwirthe, Techniker und Geognosten. (Tract.) 8vo. *Berlin*, 1879.
- Sennett** (George B.). Notes on the Ornithology of the Lower Rio Grande of Texas, from observations made during the season of 1877. Edited, with annotations, by Dr. Elliott Coues. (Tract.) 8vo. *Washington*, 1878.
- Senoner** (Adolfo). Il museo di storia naturale dei Signori A., e G. B. Villa di Milano. (Tract.) 4to. *Milan*.

Serial and Academical Publications*.

- Abbeville.** Société Royale (*afterwards* Impériale) d'Emulation. Mémoires (Sér. 2), 1836–65. (8 vols.) 8vo. *Abbeville*, 1837–65.
- Adelaide.** Adelaide Philosophical Society. Transactions and Proceedings, and Report, 1877–1878. 8vo. *Adelaide*, 1878.
- Albany.** Albany Institution. Transactions. Vol. II. No. 1. 8vo. *Albany*, 1833.
- Albany.** American Quarterly Journal of Agriculture and Science. Vols. I., II., and IV. 8vo. *Albany*, 1845–46.
- Albany.** New York State Cabinet (*afterwards* Museum) of Natural History. Annual Reports . . . by the Regents of the University of the State of New York. Nos. 8 and 12 etc. (Nos. 13–16, 20, and 23–26 in duplicate; also No. 20, revised edition, large 8vo, 1870, and No. 28, State-Museum edition, 1879.) 8vo. *Albany*, 1855 etc.
- Albany.** New-York State Library. Annual Reports of the Trustees. Nos. 39? (1857) and 42 etc. 8vo. *Albany*, 1857 etc.
- See LIBRARIES, CATALOGUES OF.
- Albany.** University of the State of New York. Annual Reports of the Regents. Nos. 70, 73, and 74. 8vo. *Albany*, 1857–61.
- Altenburg.** Naturforschende Gesellschaft. Mittheilungen aus dem Osterlande. Vol. XVIII. pt. 3–4. 8vo. *Altenburg*, 1868.

* An Index to these publications will be found at p. 609.

- Amsterdam.** Akademie (Koninklijke) van Wetenschappen.
 Jaarboek, 1872. 8vo. *Amsterdam*, 1872.
 Verslagen en Mededeelingen. Reeks 2, Deel III. & VII. 8vo. *Amsterdam*, 1873.
 Proces-verbaal van de gewone Vergadering der Afdeeling Natuurkunde, 1872-73. 8vo. *Amsterdam*, 1872-73.
- Amsterdam.** Minister van Koloniën.
 Jaarboek van het Mijnezen in Nederlandsch Oost-Indië. Jaargang I. etc. 8vo. *Amsterdam*, 1872 etc.
- Antigua.** Union Society of Antigua.
 Proceedings relative to its formation. (Tract.) 8vo. *Antigua*, 1838.
- Antwerp.** Société Paléontologique de Belgique.
 Bulletin. Tom. I. feu. 1-4. 8vo. *Antwerp*, 1859.
 Règlement constitutif. 8vo. *Antwerp*, 1858.
- Austria.** Allgemeine Versammlung von Berg- und Hüttenmännern.
 Bericht, I. u. II. (1858-1865). 8vo. *Vienna*, 1858-62.
- Bamberg.** Naturforschender Verein.
 Bericht über das Bestehen und Wirken. Bd. I. 4to. *Bamberg*, 1852.
- Barnsley.** Midland Institute of Mining, Civil, and Mechanical Engineers.
 Transactions, Vol. VI. (part 46) and Vol. VII. (part 47). 8vo. *Barnsley*, 1879.
- Barrow.** Barrow Naturalists' Field-Club.
 Transactions [or] Annual Report and Proceedings. Vols. I. etc. 8vo. *Barrow*, 1877 etc.
- Basle.** Naturforschende Gesellschaft.
 Bericht über die Verhandlungen. Bd. IX. (1848-50). 8vo. *Basle*, 1851.
 Verhandlungen. Heft I. etc. 8vo. *Basle*, 1854 etc.
 Festschrift zur Feier des funfzigjährigen Bestehens, 1867. 8vo. *Basle*, 1867.
- Basle.** Schweizerische paläontologische Gesellschaft. See ZURICH.
- Batavia.** Natuurkundige (Koninklijke) Vereeniging in Nederlandsch Indië.
 Natuurkundig Tijdschrift voor Nederlandsch Indië. Deel XXIII.-XXVI. and XXIX. (very imperfect). 8vo. *Batavia*, 1861-65.
- Bath.** Bath Natural History and Antiquarian Field Club.
 Proceedings. Vols. I. etc. (Titlepages of vols. I. & II. wanting.) 8vo. *Bath*, 1867 etc.
- Bath.** Bath Royal Literary and Scientific Institution.
 Annual Reports. Nos. 37, 52 (2 copies), and 53. 8vo. *Bath*, 1862-78.
- Bedford.** Bedfordshire Natural-History Society and Field-Club.
 Abstract of Proceedings and Transactions, 1875-1876. 8vo. *Bedford*, 1877.
- Belfast.** Belfast Natural-History and Philosophical Society.
 Proceedings. Sess. 1871 etc. 8vo. *Belfast*, 1872 etc.
- Belfast.** Belfast Naturalists' Field-Club (formerly Field Naturalists' Club).
 Annual Reports. Nos. II.-X. 8vo. *Belfast*, 1864-73.
 — and Proceedings. (Ser. 2.) Vols. I. etc. 8vo. *Belfast*, 1873 etc.
 Guide to Belfast and the adjacent Counties. 8vo. *Belfast*, 1874.

- Berlin.** Akademie (königliche) der Wissenschaften.
 Abhandlungen, 1812 etc. 4to. *Berlin*, 1816 etc.
 ——. Inhaltsverzeichniss. 2 vols. 8vo. *Berlin*, 1848–73.
 ——. Supplementband. 4to. *Berlin*, 1856.
 Bericht (*afterwards* Monatsbericht) über die zur Bekanntmachung
 geeigneten Verhandlungen. Jahrg. 1836 etc. 8vo. *Berlin*, 1837 etc.
 Preisfragen, 1852–55. (Tracts.) 8vo. *Berlin*, 1852–55.
- Berlin.** Archiv für Mineralogie, Geognosie, Bergbau und Hüttenkunde.
 Band VI. (imperfect) and XIX.–XXVI. 8vo. *Berlin*, 1833?–54.
- Berlin.** Deutsche geologische Gesellschaft.
 Zeitschrift. Band I. etc. 8vo. *Berlin*, 1849 etc.
 Verzeichniss der Mitglieder, etc. (Tract.) 8vo. *Berlin*, 1863.
- Berlin.** Gesellschaft für Erdkunde.
 Zeitschrift für allgemeine Erdkunde. Neue Folge (2), Band VIII.
 Heft 1–3. 8vo. *Berlin*, 1860.
- Berlin.** Gesellschaft naturforschender Freunde.
 Festschrift zur Feier des hundertjährigen Bestehens. 4to. *Berlin*, 1873.
 Sitzungsberichte. Jahrg. 1860–1869. 4to. *Berlin*, 1862–70.
 ——. Jahrg. 1870 etc. 8vo. *Berlin*, 1871 etc.
- Berlin.** Zeitschrift für Berg-, Hütten- und Salinen-Wesen. (One vol.,
 imperfect.) 4to. *Berlin*, 1868.
- Berne.** Schweizerischer Alpenclub.
 Jahrbuch. Band X. etc. 8vo. *Berne*, 1875 etc.
- Berwick-on-Tweed.** Berwickshire Naturalists' Club.
 Proceedings, 1831 etc. 8vo. *Edinburgh*, *Alnwick*, etc., 1834 etc.
- Birmingham.** The Midland Naturalist. Vols. I. etc. 8vo. *Birmingham*, 1878 etc.
- Birmingham.** Birmingham Natural-History and Microscopical Society.
 Annual Report . . . and Address of the retiring President [Rev.
 G. Deane] . . . 1875. 8vo. *Birmingham*, 1875.
 Proceedings. No. I. 1869. 8vo. *Birmingham*, 1870.
- Birmingham.** Birmingham Philosophical Institution.
 Reports, 1836–44. 8vo. *Birmingham*, 1836–44.
- Birmingham.** Birmingham Philosophical Society Proceedings. Vol. I.
 No. 1. 8vo. *Birmingham*, 1877.
- Birmingham?** South Midland Institute of Mining . . . Engineers. See
 WOLVERHAMPTON.
- Bogotá.** Sociedad de Naturalistas Neo-Granadinos.
 Boletín. (Vol. I.) 8vo. *Bogotá*, 1860.
 Contribuciones de Colombia a las Ciencias i a las Artes . . . por E.
 Uricoechea. Año 2 (imperfect). 8vo. *Bogotá*, 1861.
 Estatutos. (Tract.) 8vo. *Bogotá*, 1859.
- Bologna.** Nuovi Annali delle Scienze naturali. (Ser. 1.) Vols. I.–X.
 and Index, 1838–1843. Ser. 3, Vols. I.–X., 1850–54. 8vo. *Bologna*, 1838–54.
- Bombay.** Bombay Branch of the Royal Asiatic Society.
 Journal. Vols. II.–VI. and XI. etc. 8vo. *Bombay*, 1848 etc.

Bombay. Bombay Geographical Society.

Proceedings, 1849-50. (Tract.)

8vo. *Bombay*, 1850.

Transactions. Vols. X.-XIII. and XV.-XVII.

8vo. *Bombay*, 1852-65.**Bonn.** Kaiserliche Leopoldinisch-Carolinischen Akademie der Naturforscher. See DRESDEN.**Bordeaux.** Société des Sciences Physiques et Naturelles.

Extraits des Procès-verbaux des Séances. Vols. VIII.-X. (imperfect).

8vo. *Bordeaux*, 1869-74.**Bordeaux.** Société Linnéenne.

Actes. Sér. 1, Tom. VI. & VII. 1833-1835. Sér. 2, Tom. VI. & VII. 1849-1850. Sér. 3, Tom. I.-X. (Tom. IV. livr. 1, and Tom. VII. part. 1, in duplicate), 1856-1875. Sér. 4, Tom. I. etc. 1876 etc.

8vo. *Bordeaux*, 1833 etc.**Boston.** American Academy of Arts and Sciences.

Memoirs. Ser. 1, Vols. I.-IV. 1783-1818. Ser. 2 (New Series), Vols. I.-X. 1833-1873.

8vo. *Boston, Mass.*, 1785-1873.

Proceedings. Vols. I. etc. (Vol. IX. is Vol. I. of a New Series.) 1846 etc.

8vo. *Boston, Mass.*, 1848 etc.**Boston.** Appalachian Mountain Club.

Appalachia. Vol. I. 1876-1878.

8vo. *Boston, Mass.*, 1876-78.**Boston.** Museum of Comparative Zoology, at Harvard College, in Cambridge.

Annual Reports of the Trustees, etc., 1861 etc. (1862, 1863, 1865-1868, and 1873-1876 in duplicate.)

8vo. *Boston, Mass.*, 1862 etc.

Bulletin. Vol. I.; Vol. II. Nos. 2-5; Vol. III. Nos. 1, 3-16; and Vols. IV. etc. No. 1 (List of Fishes), in duplicate.

8vo. *Cambridge*, 1863 etc.

Memoirs. Vol. I. etc.

4to. *Boston and Cambridge*, 1864 etc.**Boston.** Society of Natural History.

Annual (No. I.), 1868-1869.

8vo. *Boston, Mass.*, 1868.

Boston Journal of Natural History. Vols. I.-VII. 1834-63.

8vo. *Boston, Mass.*, 1837-63.

Condition and doings, as exhibited by the Annual Reports, 1865-1868.

8vo. *Boston, Mass.*, 1865-68.

Constitution and Bye-Laws, etc. 1855.

8vo. *Boston, Mass.*, 1855.

Memoirs (Continuation of the Journal of Natural History). Vols. I. etc. (imperfect).

4to. *Boston, Mass.*, 1866 etc.

Memorial Meeting (Jeffries Wyman) 7th October, 1874. (Tract.)

8vo. *Boston, Mass.*, 1874.

Occasional Papers. II. The Spiders of the United States, by Nicholas Marcellus Hentz.

8vo. *Boston, Mass.*, 1875.

Proceedings. Vols. I. etc. 1841 etc. (Vols. XIII. and XIV., imperfect, in duplicate.)

8vo. *Boston, Mass.*, 1844 etc.**Bremen.** Naturwissenschaftlicher Verein.

Abhandlungen. Band I.

8vo. *Bremen*, 1868.

Jahresbericht I. 1864-65.

8vo. *Bremen*, 1866.**Breslau.** Kaiserliche Leopoldinisch-Carolinische Akademie der Naturforscher. See DRESDEN.

Breslau. Schlesische Gesellschaft für vaterländische Cultur.

Auszug aus der Uebersicht der Arbeiten und Veränderungen.
Jahrg. 1839, 1843, u. 1845. 8vo. *Breslau*, 1840–46.

Bericht über die Thätigkeit der naturwissenschaftlichen Section.
1853 and 1856. 4to. *Breslau*, 1853 and 1856.

Uebersicht der Arbeiten und Veränderungen. Jahrg. 1846–1849.
(Continued as Jahresberichte.) 4to. *Breslau*, 1847–50.

Jahresberichte und Abhandlungen. Band XXIX.–XXXVIII.
(4to), XXXIX.–XLVII. (8vo).

4to and 8vo. *Breslau*, 1851–69.

Verzeichniss der in den Schriften . . . enthaltenen Aufsätze, 1804–
1863. 8vo. *Breslau*, 1868.

Brighton. Brighton and Sussex Natural-History Society.

Annual Reports and Abstracts of Proceedings. XIX. etc.

8vo. *Brighton*, 1872 etc.

Brighton. Sussex Royal Institution.

Geological and Antiquarian Excursion of the Members and Friends
to Shoreham, Bramber, and Steyning, 1837 [under the guidance
of Dr. Mantell]. (Tract.) 12mo. *Brighton*, 1837.

Bristol. Bristol Institution.

Proceedings of the Annual Meetings . . . to which are subjoined
the Proceedings of the Philosophical and Literary Society. 1827–
1833. 8vo. *Bristol*, 1827–33.

Bristol. Bristol Museum and Library.

Reports of Proceedings . . . at the Annual Meetings, VI. & VII.

8vo. *Bristol*, 1877–78.

Bristol. Bristol Naturalists' Society.

Annual Reports, Lists of Officers, etc., I.–III. (1863–1865) and
1869–1872. 8vo. *Bristol*, 1863–72.

Proceedings. New Series, Vols. I., II. (except No. 1), III., IV.
(parts 1 & 2), V., VI., VII. (parts 1 & 2), 1866–1872. Another
new Series, Vol. I. 1874–1875. 8vo. *Bristol*, 1866–75.

Bristol. Philosophical and Literary Society. See Bristol Institution.**Brünn.** Naturforschender Verein.

Verhandlungen. Band I. & III.

8vo. *Brünn*, 1862–64.

Brussels. Académie Royale des Sciences, des Lettres et des beaux Arts de Belgique.

Bulletin. Sér. 1. Tom. IV.–XXIII. (including Supplement and
Index). 8vo. *Brussels*, 1838–56.

Annuaire. Années XII. etc.

8vo. *Brussels*, 1846–78.

Bulletin. Sér. 2, Tom. I. etc.

8vo. *Brussels*, 1857 etc.

Centième Anniversaire de Fondation, 1772–1872. 2 vols.

8vo. *Brussels*, 1872.

Mémoires couronnés. Vols. V. etc.

8vo. *Brussels*, 1852 etc.

Mémoires sur les questions proposées. Vols. V. etc.

4to. *Brussels*, 1826 etc.

Nouveaux Mémoires. Vols. X. etc.

4to. *Brussels*, 1837 etc.

Notices Biographiques et Bibliographiques, 1874.

8vo. *Brussels*, 1875.

See LIBRARIES, CATALOGUES OF.

Brussels. Etablissement Géographique de Bruxelles.

Annuaire industriel et administratif de la Belgique. Année 1833.

Section Commerce. 8vo. *Brussels*, 1832.

Catalogue général. (Tract.) 2 copies. 8vo. *Brussels*, 1838.

Cours de l'école normale, littéraire, scientifique, commerciale et industrielle. (Tract.) 8vo. *Brussels*.

Epistémonomie, ou tables générales d'indications des connaissances humaines. Prospectus. (Tract.) 8vo. *Brussels*, 1840.

Lettre sur l'Etablissement. 12mo. *Brussels*, 1836.

Notice sur l'Etablissement . . . par M. Drapiez. 2 copies. 12mo. *Brussels*, 1842.

Ouvrages publiés par l'Etablissement . . . fondé par Ph. Vandermaelen en 1830. 2 copies. 12mo. *Brussels*, 1836.

Brussels. Musée Royal d'Histoire Naturelle de Belgique.

Annales. Tom. I. Description des ossements fossiles des environs d'Anvers, par P. J. van Beneden. Part 1. Pinnipèdes ou Amphithériens. (With large folio Atlas.) 1877. Tom. II. Faune du Calcaire Carbonifère de la Belgique. Part 1. Poissons et genre Nautilé, par L. G. de Koninck. 1878. Fol. *Brussels*, 1877-78.

Brussels. Société Géologique de Belgique. See LIÈGE.**Brussels.** Société Malacologique de Belgique.

Annales. Vols. I. etc. 8vo. *Brussels*, 1863 etc.

Procès-verbaux des séances. Tom. IV. etc. 8vo. *Brussels*, 1875 etc.

Buenos Ayres. Boletín de la exposicion nacional en Córdoba. Vols. I.-VII. 8vo. *Buenos Ayres*, 1869-73.**Buenos Ayres.** Museo Público.

Anales, para dar á conocer los objetos de la historia natural nuevos ó poco conocidos conservados en este establecimiento, por German Burmeister. Entr. I. 4to. *Buenos Ayres*, 1864.

Buenos Ayres. Sociedad Científica Argentina.

Anales. Tom. VIII. Entr. 1-2. 8vo. *Buenos Ayres*, 1879.

Buffalo. Buffalo Society of Natural Sciences.

Bulletin. Vols. I. etc. 8vo. *Buffalo*, 1874 etc.

Caen. Société Linnéenne du Calvados [*afterwards* de Normandie].

Bulletin. Vols. I., III., & V.-X. 1855-1865. Sér. 2, Vols. I.-IX. 1868-1875. 8vo. *Caen*, 1856-75.

Mémoires. Vols. I.-IV. (8vo) & vols. V.-X. & XII.-XIV. 1824-1865. 4to. *Caen*, 1825-65.

Séance publique tenue à Falaise le 5 juin, 1834. 8vo. *Caen*, 1834.

— Honfleur, 1837. (Tract.) 8vo. *Caen*, 1837.

Calcutta. Agricultural and Horticultural Society of India.

Transactions. Vol. I. 8vo. *Serampore*, 1829.

Calcutta. Asiatic Society of Bengal.

Asiatic Researches; or Transactions of the Society instituted in Bengal for enquiring into the history and antiquities, the arts, sciences, and literature of Asia. Vols. I.-XX. (Vol. XVIII. in duplicate.) 1788-1836. 4to. *Calcutta*, 1801-18.

Journal. Vols. etc. (With Index, etc.) 8vo. *Calcutta*, 1832 etc.

Proceedings. 1865 etc. 8vo. *Calcutta*, 1866 etc.

List of Periodicals and Publications received in the Library. (Tract.) 8vo. *Calcutta*, 1878

Calcutta. British-India Association.

Report of the Committee, 1863. (Tract.) Fol. *Calcutta*, 1863.

Calcutta. Calcutta Journal of Natural History. Vols. I.–VI.

8vo. *Calcutta*, 1841–46.

Calcutta. Calcutta Public Library.

Reports, 1847–1850, 1852 and 1854. (Tracts.)

8vo. *Calcutta*, 1848–55.

——. See LIBRARIES, CATALOGUES OF.

Cambridge. Cambridge Philosophical Society.

Proceedings. Vol. I. parts 3–6 (1865–1867) and Vol. III. (1876 etc.). 8vo. *Cambridge*, 1866 etc.

Transactions. Vols. I. etc.

4to. *Cambridge*, 1822 etc.

Charter and Bye-laws. (Tract.)

8vo. *Cambridge*, 1832.

Cambridge, Mass. Harvard University Library. (See also BOSTON.)

Special Publications: No. I. Catalogue of Scientific Serials of all countries, including the Transactions of learned Societies, in the Natural, Physical, and Mathematical Sciences, 1633–1876. By Samuel H. Scudder.

8vo. *Cambridge*, 1879.

Cambridge, Mass. Museum of Comparative Zoology at Harvard College.

See BOSTON.

Canterbury. East-Kent Natural-History Society.

Reports. IV., X., and XV.

8vo. *Canterbury*, 1862–73.

Cape Town. Cape Monthly Magazine. Vol. IV. Nos. 23 & 24. (Tracts.)

8vo. *Cape Town*, 1858.

Cardiff. Cardiff Naturalists' Society.

Reports and Transactions. Vols. I. etc.

8vo. *Cardiff*, 1869 etc.

Carlsruhe. Naturwissenschaftlicher Verein.

Verhandlungen. Heft 1 and 2.

4to. *Carlsruhe*, 1864–66.

Cassel. Malakozoologische Blätter. Als Fortsetzung der Zeitschrift für Malakozoologie. Herausgegeben von L. Pfeiffer. Band X.–XIII.

8vo. *Cassel*, 1862–66.

Cassel. Museum des Königlichen Bayerischen Staates. See STUTTGART.

Cassel. Paläontographica: Beiträge zur Petrefactenkunde [Naturgeschichte der Vorwelt]; herausgegeben von W. Dunker, H. von Meyer, und K. A. Zittel. Band I. etc. (With Supplements in 4to and 8vo, with fol. plates.) 4to. *Cassel*, 1851 etc.

Catania. Accademia Gioenia di Scienze Naturali.

Atti. Ser. 2, Tom. I.–XIII. & XX. 1844–1865. Ser. 3, Tom. I. etc. 1867 etc.

4to. *Catania*, 1844 etc.

Relazione dei lavori scientifici. Ann. XII.–XLI.

4to. *Catania*, 1869.

Charleston. Elliot Society of Natural History.

Proceedings. Vol. I. (imperfect). 1853–1858.

8vo. *Charleston*, 1855–59.

Cherbourg. Société des Sciences Naturelles.

Mémoires. Vols. I.–X.

8vo. *Cherbourg*, 1852–65.

Chicago. Chicago Academy of Sciences.

Act of Incorporation, etc. . . . with a historical sketch of the Association, and Reports on the Museum and Library.

8vo. *Chicago*, 1866.

Chicago. Chicago Academy of Sciences.Proceedings. Vol. I. No. 1. 1865–1866. 8vo. *Chicago*, 1866.Transactions. Vol. I. 8vo. *Chicago*, 1867–69.**Christiania.** Norske (kongelige) Fredriks Universitet.Aarsberetning, 1866–1868. 8vo. *Christiania*, 1867–69.Halvhundredaars-Fest, September 1861. (Tract.) 8vo. *Christiania*, 1862.— —; Cantate . . . af J. S. Welhaven. (Tract.) 8vo. *Christiania*, 1861.Udsigt over mineral-cabinetets opstilling og storrelse, afgevet som indberetning for 1861 fra bestyreren. (Tract.) 8vo. *Christiania*, 1861 ?

See also MONRAD (M. J.).

Christiania. (Physiographiske Forening.)Magazin for Naturvidenskaberne. Bind I. Hefte 2. (Tracts.) 8vo. *Christiania*, 1832–33.Nyt Magazin for Naturvidenskaberne. Bind XV. etc. 8vo. *Christiania*, 1868 etc.**Christiania.** Skandinaviska Naturforskere.Forhandlingar. 1844. 8vo. *Christiania*, 1847.**Christiania.** Videnskabs-Selskabet.Forhandlingar. Aar. 1858, 1860–1868, and 1870 etc. 8vo. *Christiania*, 1859 etc.**Cincinnati.** Cincinnati Society of Natural History.Journal. Vol. I. No. 1. 8vo. *Cincinnati*, 1878.**Cincinnati.** Young Mens' Mercantile Library Association.Annual Report, XXI. 1855. (Tract.) 8vo. *Cincinnati*, 1856.**Clausthal.** Naturwissenschaftliche Verein Maja. Mittheilungen. Ser. 2, Heft 1, 1879. 8vo. *Clausthal*, 1879.**Clifton.** Clifton College Scientific Society.Transactions. Vols. I. etc. 8vo. *Clifton*, 1871 etc.**Colombo.** Ceylon Branch of the Royal Asiatic Society.Journal. 1865–1866. 8vo. *Colombo*, 1866.**Copenhagen.** Danske (kongelige) Videnskabernes Selskab.Censura commentationum, ad præmium reportandum oblatarum, et novæ quæstiones, quas in annis 1842, 1848, 1849, 1854, 1857 et 1858 Societas cum præmii promisso proponit. (Tracts.) 8vo. *Copenhagen*, 1842–58.Meteorologiske Comité. Tyge Brahes Meteorologiske Dagbog, holdt paa Uraniborg for aarene 1582–1597. 8vo. *Copenhagen*, 1876.Naturvidenskabelige og Mathematiske Afhandlingar. Ser. 4, Deel VII.–XII. 1841–1846. Ser. 5, Bind I. etc. 1849 etc. 4to. *Copenhagen*, 1841 etc.Oversigt over Forhandlingar og dets Medlemmers arbeider. 8vo, 1839–1841. (Tracts.) 4to, 1842 etc. 8vo & 4to. *Copenhagen*, 1838 etc.**Copenhagen.** Naturhistoriske Forening.Videnskabelige Meddelelser. Aar. 1849–1850. 8vo. *Copenhagen*, 1850 ?

- Copenhagen.** Nordiske (kongelige) Oldskrift-selskab—Royal Society of Northern Antiquaries—Société Royale des Antiquaires du Nord.
 Mémoires, 1845–1849. 8vo. *Copenhagen*, 1846–50.
 Miscellaneous Prospectuses and Reports, 1838–1851. (Tracts, mostly in duplicate.) 8vo. *Copenhagen*, 1838–51.
- Cracow.** Ces. król. Towarzystwo naukowe (z uniwersytetem) Krakowskie [Imp. Roy. Society of Science at the University of Cracow].
 Sprawozdanie komisji fizyograficznej . . . obejmujace poglad na czynności dokonane . . . oraz materyaly do fizyografii Galicyi [Report of the Physiographical Commission, embracing remarks on active researches . . . and materials of Galician physiography]. Vols. I. etc. 8vo. *Cracow*, 1867 etc.
- Croydon.** Croydon Microscopical Club.
 Reports, etc., I. and III. etc. 8vo. *Croydon*, 1871 etc.
- Darmstadt.** Mittelrheinischer geologischer Verein.
 Entstehung und seitherige Wirksamkeit. (Tract.) 8vo. *Darmstadt*, 1855.
- Darmstadt.** Naturhistorische Verein für das Grossherzogthum Hessen und Umgebung.
 Verhandlungen. Heft II. (Tract.) 8vo. *Darmstadt*, 1848.
- Darmstadt.** Verein für Erdkunde und verwandte Wissenschaften.
 Notizblatt. Ser. 1, Nos. 1–46, 1854–1857. Ser. 2, Nos. 1–60 (Band I.–III.), 1857–1861. Ser. 3, Nos. 1 etc., 1862 etc. 8vo. *Darmstadt*, 1854–77.
- Davenport, Iowa.** Davenport Academy of Natural Sciences.
 Proceedings. Vol. I., 1867–1876, and Vol. II. part 1, 1877. 8vo. *Davenport*, 1876–77.
- Delémont.** Société Jurassienne d'Emulation.
 L'Emulation Jurassienne, revue mensuelle littéraire et scientifique. Ann. I. 1876. 8vo. *Delémont*, 1876.
- Dijon.** Académie des Sciences, Arts et Belles-lettres.
 Mémoires. (Sér. 1) Ann. 1845–1850. Sér. 2, Tom. I.–XVII. 1851–1872. Sér. 3, Tom. IV. etc. 1876 etc. 8vo. *Dijon*, 1847 etc.
- Dijon.** Société d'Agriculture et d'Industrie agricole du département [de la Côte d'Or].
 Journal d'Agriculture de la Côte d'Or. Ann. 1862. Tom. XXIV. 8vo. *Dijon*, 1862.
- Dorpat.** Dorpater Naturforscher-Gesellschaft.
 Archiv für die Naturkunde Liv-, Ehst- und Kurlands. Ser. 1, mineralogische Wissenschaften, nebst Chemie, Physik und Erdbeschreibung. Band I. (imperfect)–VII. 8vo. *Dorpat*, 1854–77.
 ——. Ser. 2, biologische Naturkunde. Band II.–VII. 8vo. *Dorpat*, 1860–77.
 Sitzungsberichte. Band I. (imperfect) etc. 8vo. *Dorpat*, 1858 etc.
- Dresden.** Gesellschaft für Natur- und Heilkunde.
 Denkschrift zur Feier ihres fünfzigjährigen Bestehens zugleich als Festgabe, etc. 4to. *Dresden*, 1868.

Dresden. Leopoldinisch-Carolinische (kaiserliche) deutsche Akademie der Naturforscher. (*Academia Cæsareo-Leopoldina Naturæ Curiosorum.*)

Adresse und Bitte an die deutschen Fürsten und ihre Regierungen, die deutschen Kammern und alle deutschen Mitbürger. (Tract.)

4to. *Breslau*, 1851.

Concours . . . proposé par le Prince Anatole de Démidoff, . . . à l'occasion de l'anniversaire du jour de naissance de S. M. l'Impératrice Mère, Alexandra de Russie, le 13 juillet, 1858. (Tract.)

4to. *Florence, imp.*, 1858.

Leopoldina. Heft VII.-IX.

4to. *Dresden*, 1871-74.

Nova Acta physico-medica exhibentia ephemerides. Vols. XIII., XIV., XV. part 1, XXII. part 2 (and Supplement), XXIII.-XXVI., XXVII. part 1, and XXVIII. etc.

4to. *Bonn, Breslau, Jena, and Dresden*, 1826 etc.

Dresden. Naturwissenschaftliche Gesellschaft Isis.

Sitzungsberichte. Jahrg. 1861-1863, 1865 (Nos. 7-12), and 1866 etc.

8vo. *Dresden*, 1862 etc.

Verzeichnisse der Mitglieder. 1866 und 1868. (Tracts.)

8vo. *Dresden*, 1866 & 1868.

Dresden. Verein für Erdkunde.

Jahresberichte. Jahrg. VIII. u. IX.

8vo. *Dresden*, 1872-73.

Dublin. Dublin Society (*afterwards* Royal Dublin Society).

[Reports of three Meetings held "at their house, Hawkins'-Street," in 1812.] (Tract.)

8vo. *Dublin*, 1812.

Journal. Vols. I.-VII. (vol. VI. imperfect).

8vo. *Dublin*, 1858-75.

Scientific Proceedings. [New Series of the Journal.] Vols. I. etc.

8vo. *Dublin*, 1877 etc.

Transactions. Vols. II. (part 2) -VI.

8vo. *Dublin*, 1802-10.

Dublin. Geological Society.

Journal. Vols. I. etc.

8vo. *Dublin*, 1838 etc.

Titles of Papers read before the Society to June, 1853. [See also

BALL (Robert).] (Tract.)

8vo. *Dublin*, 1853.

Dublin. Irish Academy (Royal).

Proceedings. (Ser. 1) Vols. I. (part 2) and III.-VIII., 1844-1864.

(Ser. 2) Vols. I. etc. 1869 etc.

8vo. *Dublin*, 1844 etc.

Transactions. Vols. I. etc. (with Index, 1787-1813).

4to. *Dublin*, 1787 etc.

Dublin. Natural-History Review. See LONDON.

Dublin. Natural-History Society.

Journal, 1855-1856.

8vo. *Dublin*, 1856.

Proceedings, 1856-1857.

8vo. *Dublin*, 1857.

Dublin. University Museum.

Reports II. & III. (Tracts.)

8vo. *Dublin*, 1847-48.

Dudley. Dudley and Midland Geological and Scientific Society and Field Club.

Transactions and Proceedings. Vols. I. (in duplicate) and II. No. 5.

8vo. *Dudley*, 1862-65.

Dudley. Geological Society.

Journal. Nos. 1 & 2.

8vo. *Dudley*, 1864.

- Eastbourne.** Eastbourne Natural-History Society.
Papers, 1873–1877. 8vo. *Eastbourne*, 1874–77
- Edinburgh.** Edinburgh Geological Society.
Transactions. Vols. I. etc. 1866 etc. 8vo. *Edinburgh*, 1870 etc.
Catalogue of the Brachiopoda of the Lothians and Fife. With introductions by T. Davidson and A. Somervail. (Tract.)
8vo. *Edinburgh*, 1877.
- Edinburgh.** Edinburgh Journal of Science, edited by Sir David Brewster. Vols. I.–VI. 8vo. *Edinburgh*, 1824–27.
- Edinburgh.** Edinburgh Monthly Journal of Medicine. New Series. Part 1. (January, 1855). (Tract.) 8vo. *Edinburgh*, 1855.
- Edinburgh.** Edinburgh Philosophical Journal, etc. Edited by Sir D. Brewster. Vols. I.–VI. and VIII.–XIV. 8vo. *Edinburgh*, 1819–26.
- Edinburgh.** Edinburgh New Philosophical Journal, etc. Edited by Jameson, etc. Ser. 1, Vols. I.–LVII., 1826–1854. Ser. 2, Vols. I.–XIX., 1855–1864. 8vo. *Edinburgh*, 1826–64.
- Edinburgh.** Physical Society (Royal).
Proceedings. Vols. I.–III. 8vo. *Edinburgh*, 1858–67.
- Edinburgh.** Royal Society of Edinburgh.
Proceedings. Vols. I. etc. 8vo. *Edinburgh*, 1845 etc.
Transactions. Vols. I.–II. and V. etc. 4to. *Edinburgh*, 1788 etc.
- Edinburgh.** Wernerian Natural-History Society.
Memoirs. Vols. I.–VII. and Vol. VIII. part 1. 8vo. *Edinburgh*, 1811–39.
- Ekaterinburg.** Заниски. (Société Ouralienne d'Amateurs des Sciences Naturelles.)
Bulletin. Tom. IV. etc. 4to. *Ekaterinburg*, 1878 etc.
- Erfurt.** Akademie (königliche) gemeinnütziger Wissenschaften.
Denkschrift. 1 vol. 8vo. *Erfurt*, 1854.
- Erlangen.** Physikalisch-medicinisches Societät.
Sitzungsberichte. Heft III. 8vo. *Erlangen*, 1871.
- Exeter.** Teign Naturalists' Field Club. See TEIGNMOUTH.
- Falmouth.** Cornwall (*afterwards* Royal) Polytechnic Society.
Annual Reports (and Transactions). I.–XXVIII. and XXXVIII. etc. 8vo. *Falmouth* and *Truro*, 1833 etc.
- Falmouth.** See TRURO.
- Florence.** See MODENA.
- France.** Congrès Archéologique de France. Société français d'Archéologie pour la conservation des monuments historiques.
Session XXVIII. Séances générales tenues à Reims, etc., en 1861. 8vo. *Paris* and *Caen*, 1862.
- France.** Congrès des Délégués des sociétés savantes de France.
Bulletin de la Session 1858. (Tract.) 4to. *Paris*, 1858.
Extrait de l'arrêté des Membres de la 7^e Session tenue en 1839 au Mans, par lequel la 8^e Session est fixée à Besançon. (Tract.)
Fol. *Besançon*, 1840.
- France.** Programme. Sessions XXII. and XXIII. (Tract.)
4to. *Paris?*, 1855–56.
- France.** Sessions I. et XXII. 3 vols. 8vo. *Rouen*, *Paris*, and *Le Puy*, 1833–55.

- France.** Institut des Provinces (des sociétés savantes et des congrès scientifiques de France). *Annuaire.* (Sér. 1) 1850-1853. Sér. 2. Vol. VI. 8vo. *Paris*, 1864.
Procès-verbal des séances tenues à Caen en octobre 1846. (Tract.) 8vo. *Caen*, 1847.
- Frankfurt am Main.** Senckenbergische naturforschende Gesellschaft. *Abhandlungen.* Band I.-IV. (imperfect) and VII.-IX. 4to. *Frankfort*, 1854-73.
 Bericht, 1868-1873. 8vo. *Frankfort*, 1869-73.
- Frankfurt am Main.** Taschenbuch für die gesammte Mineralogie mit Hinsicht auf die neuesten Entdeckungen. Von K. C. von Leonhard. Jahrg. I.-XII. 8vo. *Frankfort*, 1807-18.
- Freiberg im Breisgau.** Bergmännisches Journal. Jahrg. I.-VI., 1788-1794. Neues Bergmännisches Journal. Band I.-IV., 1795-1804. 8vo. *Freiberg*, 1788-1804.
- Freiberg im Breisgau.** Berg- und Hüttenmännische Zeitung mit besonderer Berücksichtigung der Mineralogie und Geologie. Ser. 2, Jahrg. I. (whole series Jahrg. VI.). 4to. *Freiberg*, 1847.
- Freiberg im Breisgau.** Sächsische (königliche) Berg-Akademie. *Festschrift zum hundertjährigen Jubiläum*, 1866. 8vo. *Dresden*, 1866.
Fortschritte der berg- und hüttenmännischen Wissenschaften in den letzten hundert Jahren. 8vo. *Freiberg*, 1867.
- Freiburg in Baden.** Naturforschende Gesellschaft. *Berichte über die Verhandlungen.* Band IV. 8vo. *Freiburg*, 1867.
- Geneva.** Bibliothèque Universelle de Genève. Supplément. *Archives des Sciences physiques et naturelles*; par MM. de la Rive, Marignac et J. Pictet. Tom. I. Nos. 1-3. (Tracts.) 8vo. *Geneva*, 1846.
- Geneva.** Société de Géographie. *Bulletin.* Tom. I. (incomplete?). 8vo. *Geneva*, 1860.
Mémoires. Tom. I. (incomplete?). 8vo. *Geneva*, 1860.
- Geneva.** Société de Physique et d'Histoire naturelle. *Mémoires.* Tom. I. etc. 4to. *Geneva*, 1821 etc.
- Germany.** Versammlung (Gesellschaft) der deutschen Naturforscher und Aertzte. *Amtlicher Bericht*, XII.?, XXIX., XXXIII., XXXIV., and XXXIX. (1834, 1852, 1857, 1858, and 1864.) 4to. *Stuttgart*,
Wiesbaden, Bonn, Carlsruhe, and Giessen, 1835-65.
Tageblatt, Vers. 32, 33, 41, and 42. 8vo. *Vienna, Bonn, Frankfort, and Dresden*, 1856-57, 1867-68.
- Giessen.** Jahresbericht über die Fortschritte der reinen, pharmaceutischen und technischen Chemie, Physik, Mineralogie, und Geologie, von Liebig, etc., 1852 u. 1853. 8vo. *Giessen*, 1853-54.
- Giessen.** Oberhessische Gesellschaft für Natur- und Heilkunde. *Bericht.* Band I. etc. 8vo. *Giessen*, 1855 etc.
- Glasgow.** Geological Society. *Transactions.* Vols. I. etc. (part 1, 2 copies). 8vo. *Glasgow*, 1864 etc.
- Glasgow.** Natural-History Society. *Proceedings.* Vols. I. (imperfect) etc. 8vo. *Glasgow*, 1869 etc.
- Glasgow.** Philosophical Society. *Proceedings.* Vols. I.-III. 8vo. *Glasgow*, 1844 etc.

Gloucester. Cotteswold Naturalists' [Field] Club.

Proceedings. Vols. I. (imperfect) etc.

8vo. *London and Gloucester*, 1853 etc.

Göttingen. Gesellschaft (königliche) der Wissenschaften.

Gelehrte Anzeiger. A few parts for the years 1805, 1809, and 1811-1815. (Tracts.)

8vo. *Göttingen*, 1805-15.

Göttingen. Göttingischer Verein bergmännischer Freunde.

Studien. Band I.-VI.

8vo. *Göttingen*, 1824-54.

Göttingen. Taschenbuch für Freunde der Gebirgskunde. [The first part only.] (Tract.)

8vo. *Göttingen*, 1798.

Grahamstown. Eastern Province Monthly Magazine. Nos. 1, 8, 10-11, and 17. (Vols. I. & II.) (Tracts.)

8vo. *Grahamstown*, 1856-57.

Gratz. Geognostisch-montanistischer Verein für Steiermark.

Bericht. Band V., VI., and VIII. (Tracts.)

8vo. *Gratz*, 1856-59.

Haarlem. Hollandsche Maatschappij der Wetenschappen (Société Hollandaise des Sciences).

Archives Néerlandaises des Sciences exactes et naturelles. Tom. I. etc. (imperfect).

8vo. *The Hague and Haarlem*, 1866 etc.

Extraits des Programmes pour les années 1850, 1852, 1856, et 1858. (Tracts.)

4to. *Haarlem*, 1840-58.

Natuurkundige Verhandelingen. Ver. 2, Deel III. (St. 2)-VI. en XXII. (St. 3). 1847-1865. Ver. 3, Deel I. etc. 1872 etc.

4to. *Haarlem*, 1847 etc.

Notice historique. Liste des Protecteurs, Présidents, Secrétaires, Directeurs et Membres, résidents et étrangers, et liste des Publications de la Société depuis sa fondation en 1752.

8vo. *Haarlem*, 1876.

See LIBRARIES, CATALOGUES OF.

Haarlem. Teyler's Tweede Genootschap.

Verhandelingen. Stuk XXI.

4to. *Haarlem*, 1832.

Halifax. Literary and Philosophical Society.

Annual Report for . . . 1868.

8vo. *Halifax*, 1868.

Halifax, N. S. Nova Scotian Institute of Natural Science.

Proceedings and Transactions. Vols. I. etc. (imperfect).

8vo. *Halifax*, 1867 etc.

Halifax, N. S. Technological Institute.

Annual Announcement. I.

8vo. *Halifax*, 1878.

Halle. Der Naturforscher. Stück I.-XXIV.

8vo. *Halle*, 1774-89.

Halle. Naturwissenschaftlicher Verein (für die Provinzen Sachsen und Thüringen).

Bericht über die bisherige Thätigkeit und den gegenwärtigen Stand. (Tract.)

8vo. *Halle*, 1855.

Abhandlungen. Band I. u. II.

4to. *Berlin*, 1860-61.

Jahresbericht. Jahrg. II.-V. 1849-1852.

8vo. *Berlin*, 1850-52.

Zeitschrift für die gesammten Naturwissenschaften. Band I. etc.

8vo. *Halle*, 1853 etc.

Hamburg. Naturwissenschaftlicher Verein.

Abhandlungen aus dem Gebiete der Naturwissenschaften. Band I.-III. (imperfect).

4to. *Hamburg*, 1848-56.

- Hanau.** Wetterauische Gesellschaft für die gesammte Naturkunde.
Festgabe bei ihrer 50-jährigen Jubelfeier am 1858.
8vo. *Hanau*, 1858.
- Jahresbericht (*afterwards* Bericht). 1850 etc. 8vo. *Hanau*, 1851 etc.
- Hanley.** See STAFFORD.
- Hanover.** Naturhistorische Gesellschaft.
Jahresbericht. No. XXII. 1871-72. 8vo. *Hanover*, 1872.
- Havre.** Société géologique de Normandie.
Bibliographie géologique de la Normandie. 1^{er} fascicule.
8vo. *Havre*, 1876.
Bulletin. Tom. I.-IV. 1874-1877. 8vo. *Havre*, 1875-78.
Exposition géologique et paléontologique du Havre. Guide du Visiteur, 1877. (Congrès de l'Association française.)
8vo. *Havre*, 1877.
- Heidelberg.** Jahrbuch (*subsequently* Neues Jahrbuch) für Mineralogie, Geologie und Petrefaktenkunde. Herausgegeben von Leonhard, etc. Jahrgang 1830 etc. and indices.
Heidelberg and Stuttgart, 1830 etc.
- Heidelberg.** Naturhistorisch-medizinischer Verein.
Verhandlungen. Ser. 1, Band I.-VI. (1857-1872.) Ser. 2, Band I. etc. (1874 etc.) 8vo. *Heidelberg*, 1857 etc.
- Hereford.** Woolhope Naturalists' Field-Club.
Rules. (Tract.) 8vo. *Hereford*, 1852.
Transactions. Vols. I. etc. 1866 etc. 8vo. *Hereford*, 1868 etc.
- Hobart Town.** Philosophical Society of Tasmania.
Tasmanian Journal of Natural Science, Agriculture, Statistics, &c. Vol. I. 8vo. *Hobart Town*, 1842.
- Hobart Town.** Royal Society of Van Diemen's Land (*afterwards* of Tasmania).
Papers and Proceedings. Ser. 1, Vols. I.-III., 1849-1859. (Vol. III. has a Supplement—Meteorological Observations taken at Hobart Town, Tasmania, during the years 1856-7-8. Francis Abbott, Observer. 4to, 1859.) Ser. 2 (*sometimes called* Monthly Notices of Papers &c.), 1863 etc. 8vo. *Hobart Town*, 1851 etc.
Rules. (Tract.) 8vo. *Hobart Town*, 1848.
- Hong Kong.** China Branch of the Royal Asiatic Society.
Transactions, 1847. 8vo. *Hong Kong*, 1848.
- Hull.** Literary and Philosophical Society, at Kingston-upon-Hull.
Annual Reports, I.-III. (Tracts.) 8vo. *Hull*, 1825-26.
Laws. (Tract.) 8vo. *Hull*, 1826.
- Innsbruck.** Beiträge zur Geschichte, Statistik, Naturkunde und Kunst von Tirol und Vorarlberg. Herausgegeben von den Mitgliedern des Ferdinandeums, von Merst, von Pfaundler und Röggl. Band III. 8vo. *Innsbruck*, 1827.
Nachträge und Berichtigungen zum ersten Band der tyrolischen Zeitschrift, von A. von Pfaundler. (Tract.) 8vo.
- International.** International Congress of Prehistoric Archæology. (Congrès international d'Anthropologie et d'Archéologie préhistorique.)
Transactions—Compte rendu. Sess. III. and V., 1868, 1871.
8vo. *London and Boulogne*, 1869-73.

- International.** International Statistical Congress.
 Programme of the Fourth Session. 4to. *London*, 1860.
 Report of the Proceedings of the Fourth Session. 4to. *London*, 1861.
- Irkoutsk.** Записки Сибирскаго—Siberian section of the Imperial Russian Geographical Society.
 Memoirs. Vols. IX. and X. 8vo. *Irkoutsk*, 1867.
- Italy.** Congresso degli scienziati Italiani.
 Porzione degli atti della (IX.) sezione di geologia. Venezia, 1847.
 (Tract.) 2 copies. 4to. *Genoa*, 1853.
- Italy.** Congresso scientifico letterario straordinario del 1865 in Napoli.
 (Tract.) 8vo. *Naples*, 1865.
- Italy.** Riunione degli scienziati Italiani.
 Atti verbali della sezione di geologia, mineralogia, e geografia. 1842.
 (Tract.) 4to. *Padua*, 1843.
- Ithaca, N. Y.** Cornell University.
 Bulletin. (Science.) Vol. I. Nos. 1 and 2. (2 copies.)
 8vo. *Ithaca, N. Y.*, 1874.
- Jena.** Leopoldinisch-Carolinischen (kaiserliche) Akademie der Naturforscher. See DRESDEN.
- Jena.** Societät für die gesammte Mineralogie.
 Annalen. Band I. 8vo. *Jena and Leipzig*, 1802.
- Kansas.** Western Review of Science and Industry. Edited by Theo. S. Case. Vol. I. (1877–78). 8vo. *Kansas City, Mo.*, 1878.
- Kansas.** Kansas City. Review of Science and Industry. Edited by Theo. S. Case. Vol. II. Nos. 7, 9, and 11.
 8vo. *Kansas City, Mo.*, 1878–79.
- Kasan.** Казанскаго Университета—Imp. Kasan University.
 Извѣстія и Ученыя Записки—Bulletin and Scientific Memoirs. 1865. BB. VI. & XIII. 8vo. *Kasan*, 1866–67.
 Ученыя Зап. Имп. Каз. Унив. Memoirs. 1863 etc. (Imperfect.)
 8vo. *Kasan*, 1863 etc.
- Kingston-upon-Hull.** See HULL.
- Klagenfurt.** Naturhistorische Landesmuseum von Kärnten.
 Jahrbuch. Heft V. 8vo. *Klagenfurt*, 1862.
- Laudau.** Pollichia, ein naturwissenschaftlicher Verein der bayerischen Pfalz.
 Jahresbericht II.–VI., VIII., IX. (6 nos.). 8vo. *Neustadt*, 1844–51.
- Lausanne.** Société Vaudoise des Sciences naturelles.
 Bulletin. Tom. I. etc. 1842 etc. 8vo. *Lausanne*, 1846 etc.
 Catalogue des Ouvrages et Brochures: rédigé par M. Louis Rivier.
 (Tract.) 8vo. *Lausanne*, 1850.
 Règlements. (Tract.) 8vo. *Lausanne*, 1859.
- Lautern.** See SERIALS, ETC.: MANNHEIM.
- Leeds.** Geological and Polytechnic Society of the West Riding of Yorkshire.
 Proceedings. Vols. I. (imperfect) etc. 1839 etc.
 8vo. *Leeds*, 1849 etc.
- Leeds.** Philosophical and Literary Society.
 Address [The Worth of Life] delivered at the opening of the Fifty-eighth Session, . . . October, 1877, by William [Thomson], Lord Archbishop of York. 8vo. *London*, 1877.

- Leeds.** Philosophical and Literary Society.
Annual Reports for 1871-78. (1875-76 missing.)
8vo. *Leeds*, 1872-78.
Reports of the Council, VI.-XV., XVII.-XXI., XXIII., and
XXIV. etc. 8vo. *Leeds*, 1826 etc.
Transactions. Vol. I. part 1. 8vo. *London and Leeds*, 1837.
- Leeds.** Yorkshire College of Science.
Annual Report (First), 1874-75. 8vo. *Leeds*, 1875.
- Leicester.** Literary and Philosophical Society.
Reports, 1852 and 1878. 8vo. *Leicester*, 1852, 1878.
Transactions. Part IV. 1845-1850. 8vo. *Leicester*, 1878.
- Leicester.** Town Museum.
Reports, 5 & 6. 8vo. *Leicester*, 1877-78.
- Leicester.** Town Museum Science Classes.
Report of the Committee, 1878. (Tract.)
8vo. *Leicester*, 1878.
- Leipzig.** Leipziger ökonomisches Societät.
Schriften. Theil III. 8vo. *Dresden*, 1777.
- Leipzig.** Magazin für die gesammte Mineralogie, Geognosie, und
mineralogische Erdbeschreibung. Herausgegeben von K. E. A.
von Hoff. Band I. Heft 1-4. (1 vol.) 8vo. *Leipzig*, 1801.
- Leipzig.** Mineralogische Belustigungen, zum Behuf der Chymie und
Naturgeschichte des Mineralreichs. Band I.-V.
8vo. *Leipzig*, 1768-70.
- Leipzig.** Naturforschende Gesellschaft.
Sitzungsberichte. Jahrg. II.-IV. 1875-1877.
8vo. *Leipzig*, 1875-77.
- Leipzig.** Zeitschrift für Krystallographie und Mineralogie, heraus-
gegeben von P. Groth. Band. I. etc. 8vo. *Leipzig*, 1877 etc.
- Lewes.** Provincial Magazine, or Literary, Commercial, Agricultural,
and Domestic Recorder. Vol. I. No. 1. (Tract.)
8vo. *Lewes*, 1818.
- Liège.** Société Géologique de Belgique.
Annales. Tom. I. etc. 8vo. *Liège*, 1874 etc.
- Liège.** Société Royale des Sciences.
Mémoires. Ser. 1, Tom. I.-XX. (1843-1866.) Ser. 2, Tom. I.
etc. (1866 etc.) 8vo. *Liège*, 1843 etc.
- Lille.** Société Géologique du Nord.
Annales. Vols. I. etc. 8vo. *Lille*, 1870 etc.
Mémoires. Vol. I. 4to. *Lille*, 1876.
- Lille.** Société Royale des Sciences, de l'Agriculture et des Arts.
Mémoires. Ann. 1847-1849. 8vo. *Lille*, 1847-49.
- Lima.** Memorias de ciencias naturales y de industria nacional y estran-
jera; da Riviero, etc. Vol. I. (imperfect). 8vo. *Lima*, 1827-28.
- Lisbon.** Academia real das Sciencias.
Annaes das Sciencias e Lettras publicados debaixo dos auspicios da
Academia. Sciencias mathematicas, physicas, historico-naturaes,
e medicas. Tomo I. 1^{ro} anno. 8vo. *Lisbon*, 1857.

Lisbon. Academia real das Sciencias.

Annaes das Sciencias e Lettras publicados debaixo dos auspicios da Academia. Sciencias moraes e politicas, e bellas-lettras. Tomo I. 1^{ro} anno. 8vo. *Lisbon*, 1857.

Catalogo das publicações. (Tract.) 8vo. *Lisbon*, 1865.

Jornal de Sciencias Mathematicas, Physicas, e Naturaes. Tom. I. etc. 8vo. *Lisbon*, 1868 etc.

Memorias (Historia e). Ser. 1. Tom. I.-XII. 1780-1839.—Ser. 2. Tom. I.-III. 1843-1856.—Ser. 3. Classe de Sciencias mathematicas, physicas, e naturaes. Tom. I., II., III. (part 1), IV. (part 2), and V. (part 1). 1854-1875. Classe de Sciencias moraes, politicas, e bellas-lettras. Tom. I., II., III. (part 1), and IV. (part 1). 1854-1867. 4to. *Lisbon*, 1797-1875.

Relatorio dos trabalhos. Sessão publica em Dez° de 1875, e em Maio de 1877. 8vo. *Lisbon*, 1875, 1877.

Liverpool. Gallery of Inventions and Science.

Annual Report of the Committee &c. No. II. (Tract.) 8vo. *Liverpool*, 1862.

Liverpool. Liverpool Geological Society.

Abstract of the Proceedings. Sess. 1-15. (Some in duplicate.) Vols. I.-II. 8vo. *Liverpool*, 1859-74.

Proceedings. Vols. III. etc. (A continuation of the above; some parts in duplicate.) 8vo. *Liverpool*, 1875 etc.

Laws and List of Members. (Tract.) 8vo. *Liverpool*, 1861.

Liverpool. Historic Society of Lancashire and Cheshire.

Proceedings. Vols. I.-XXX. 8vo. *Liverpool*, 1849-77.

Liverpool. Literary and Philosophical Society.

[Reports of the] Proceedings. Vols. I. etc. 8vo. *Liverpool*, 1845 etc.

Liverpool. Liverpool Naturalists' Field-Club.

Naturalists' Journal. No. 1. 8vo. *Liverpool*, 1866.

Proceedings for the years 1870-71 and 1875-78. 8vo. *Liverpool*, 1871-78.

London. Aeronautical Society of Great Britain.

Inaugural Meeting . . . held at Campden House on January 12th, 1866. (Tract.) 8vo. *London*, 1866.

London. Agricultural (Royal) Society of England.

Journal. Ser. 1. Vols. I.-XXV. 1841-1864.—Ser. 2. Vols. I. etc. 1865 etc. 8vo. *London*, 1841 etc.

Minutes of Proceedings at Meetings of the Chemical Committee. 8vo. *London*, 1876.

London. Analyst. See Society of Public Analysts.

London. Annals of Natural History; or Magazine of Zoology, Botany, and Geology (*afterwards* Annals and Magazine of Natural History, including Zoology, Botany, and Geology). Ser. 1. Vols. I.-XIX. 1838-1847.—Ser. 2. Vols. I.-XX. 1848-1857.—Ser. 3. Vols. I.-XX. 1858-1867.—Ser. 4. Vols. I.-XX. 1868-1877.—Ser. 5. Vols. I. etc. 1878 etc.

8vo. *London*, 1838 etc.

See also Magazine of Natural History.

- London.** Annals of Philosophy ; or Magazine of Chemistry, Mechanics, Natural History, Agriculture, and the Arts. (Thomson's.) (Ser. 1. Vols. I.-XVI., 1813-1820. Ser. 2. Vols. I.-XII., 1821-1826.) Vols. I.-XXVIII. 8vo. *London*, 1813-26.
See also Philosophical Magazine.
- London.** Anthropological Society.
 Anthropological Review. Vols. I. and III.-VII. (Imperfect.) 8vo. *London*, 1863-69.
 Journal. Vol. IV. 8vo. *London*, 1866.
- London.** Archives of Dentistry : a Record of Dental Knowledge. Edited by E. Truman. Vol. I. 8vo. *London*, 1865.
- London.** Art-Union.
 Annual Reports of the Council, 1853, 1858-1859, 1862, 1866-72, 1874 etc. 8vo. *London*, 1853 etc.
- London.** Assurance Magazine. Vols. II.-XIV. (Imperfect.) 8vo. *London*, 1852-69.
- London.** Astronomical (Royal) Society.
 Charter and Bye-Laws, 1844. (Tract.) 8vo. *London*, 1844.
 Memoirs. Vols. I. etc. With a general Index to the first thirty-eight volumes of the Memoirs (8vo), 1871. 4to. *London*, 1822 etc.
 Monthly Notices. Vols. I.-III. (very imperfect), VII.-XVIII., XXVIII.-XXX., and XXXV. No. 4. With Index. 8vo. *London*, 1827-75.
- London.** Athenæum Journal of English and Foreign Literature, Science, Fine Arts, Music, and the Drama. 4to. *London*, 1831 etc.
- London.** Atlantis : A Register of Literature and Science. Vols. I.-IV. 8vo. *London*, 1858-63.
- London.** Botanical (*afterwards* Royal) Society.
 Catalogue of British Orders and Genera (of Plants). *See* COOPER (Daniel).
 Proceedings. Vol. I. part 1. 8vo. *London*, 1839.
- London.** British Association.
 Reports of the Meetings. 1831 etc. 8vo. *London*, 1835 etc.
- London.** British Pomological Society.
 Rules. (Tract.) 8vo. *London*, 1858.
- London.** Canadian News, New-Brunswick Herald, and British-Columbian Intelligencer. Nos. 71-105. 4to. *London*, 1859-60.
- London.** Cape and Natal News ; a Monthly Record of the Progress of the South-African Colonies. 4to. *London*, 1858-59.
- London.** Chemical News, and Journal of Physical Science (with which is incorporated the 'Chemical Gazette'). Vols. XV. etc. 4to. *London*, 1867 etc.
- London.** Chemical Society.
 Journal (*at first* Quarterly). Vols. I. etc. (Ser. 1, Vols. I.-XIV., 1849-1862. Ser. 2, Vols. I.-XIV., 1863-1875. Vols. for 1876, I. & II. Vols. for 1877, I. & II. Vol. XXXIII., 1878, the whole-series numbers being here again adopted.) 8vo. *London*, 1849 etc.
 Memoirs. Vols. I.-III. 1841-1843. 8vo. *London*, 1843-48.

- London.** Civil Engineer and Architect's Journal (incorporated with the Architect). Vols XVI.-XIX. and Vol. XX. Nos. 274-280.
4to. *London*, 1853-57.
- London.** College for Civil Engineers.
Prospectus. (Tract.) 8vo, *London*.
- London.** College (Royal) of Physicians. Catalogue of the Fellows, Candidates, and Licentiates, 1839. 8vo. *London*, 1839.
- London.** College (Royal) of Surgeons.
Bye-Laws. (Tract.) *London*, no date.
Calendars for the years 1865-1871. 8vo. *London*, 1865-71.
List of the Members, 1838. 8vo. *London*, 1838.
List of the Fellows and Members for the years 1849-1852. 8vo. *London*, 1849-52.
- London.** Colliery Guardian, and Journal of the Coal and Iron Trades. Vols. I. etc. (some volumes missing or imperfect).
Fol. *London*, 1858 etc.
- London.** Critic, London Literary Journal. Vols. XIV. Nos. 351-353, and Vols. XV.-XXV. 4to. *London*, 1855-63.
- London.** East India Association.
Journal. Vols III. No. 2, IV. No. 1, and VI. etc. 8vo. *London*, 1869 etc.
- London.** Electrical Society.
Proceedings, Sessions 1841-1843. 8vo. *London*, 1843.
Report of the Committee appointed to test the Action of an Instrument invented by Lieut. R. J. Morrison, R.N., and denominated by him a Portable Magnetic Electrometer. (Tract.) 8vo. *London*, 1838.
- London.** Entomological Magazine. Vols. I.-V. 8vo. *London*, 1833-37.
- London.** Ethnological Society.
Regulations and List. (Tract.) 8vo. *London*, 1855.
Report of the Council, May 30th, 1860. (Tract.) 8vo. *London*, 1860.
- London.** Geographical (Royal) Society.
African Exploration Fund, 1877. (Tract.) 2 copies. 4to. *London*, 1877.
Journal. Vols. I.-XLVIII. (with Indices). 8vo. *London*, 1832-78.
Proceedings. Vols. I.-XXII., 1855-1878. 8vo. *London*, 1857-78.
Proceedings . . . and Monthly Record of Geography. Vols I. etc. 8vo. *London*, 1879 etc.
The Royal Geographical Society and its Labours. (Tract.) 8vo. *London*, 1846.
- See LIBRARIES, CATALOGUES OF.
- London.** Geological and Natural History Repertory, and Journal of Prehistoric Archæology and Ethnology. Edited by S. J. Mackie. Vols. I. & II., 1865-1869. (Imperfect.) 8vo. *London*, 1867-69.
- London.** Geological Magazine (with which is incorporated the Geologist). Ser. 1, Vols. I.-X. 1864-1873. Ser. 2, Vols. I. etc. 1874 etc. 2 copies. 8vo. *London*, 1864 etc.

London. Geological Record. Edited by William Whitaker. 2 copies.
1875 etc. 8vo. *London*, 1875 etc.

London. Geological Society.

Abstracts of the Proceedings. (2 copies, imperfect.)

8vo. *London*, 1856 etc.

Proceedings. 4 vols. 2 copies.

8vo. *London*, 1826-45.

Quarterly Journal. Vols. I. etc. 2 copies. 8vo. *London*, 1845 etc.

Transactions. Vols. I.-V., 1811-1821. Ser. 2, Vols. I.-VII.,
1824-1856. With manuscript index of Authors. 2 copies.

4to. *London*, 1811-56.

London. Geologist: being a record of investigations in Geology,
Mineralogy, etc. Edited by Moxon. Vol. I.

8vo. *London*, 1842.

London. Geologist; a popular illustrated monthly magazine of Geology.
Edited by Mackie. Vols. I. (2 copies) -VII.

8vo. *London*, 1858-64.

London. Geologists' Association.

Annual Reports, 1864 and 1867-1875.

8vo. *London*, 1868-76.

Lists of the Members, 1859, 1862, and 1868. (Tracts.)

8vo. *London*, 1860-68.

Proceedings. Vols. I. etc., 1859 etc.

8vo. *London*, 1865 etc.

Reports of the Excursions to Oxford, Guildford, Caterham Junction,
Croydon, Hunstanton, Tottenham, and Crayford. (Tract.)

8vo. *London*, 1869.

See LIBRARIES, CATALOGUES OF.

London. Hardwicke's Science-Gossip. Edited by J. E. Taylor. 1874-
1876. 3 vols.

8vo. *London*, 1874-76.

London. Horticultural (Royal) Society.

Bye-Laws for the Garden. (Tract.)

8vo. *London*, 1822.

Journal. Ser. 1, Vols. I.-IX., 1846-1855. Ser. 2, Vol. I., 1866.

8vo. *London*, 1846-66.

Proceedings. Vols. I.-IV.

8vo. *London*, 1861-64.

Reports of the Garden Committee, 1823-1825 and 1827. (Tracts.)

4to. *London*, 1823-27.

Transactions. Vols. I.-VII.

4to. *London*, 1820-30.

London. Institute of British Architects.

Transactions. Vol. I. parts 1 & 2.

4to. *London*, 1836-42.

London. Institution of Civil Engineers.

Minutes of Proceedings. Vols. II. etc.

8vo. *London*, 1861 etc.

Transactions. Vols. I.-III.

4to. *London*, 1836-42.

See LIBRARIES, CATALOGUES OF.

London. Institution of Hydronomical and Nautical Engineers.

Published papers, Nos. 1 and 5. (Tracts.)

8vo. *London*, 1867.

London. Intellectual Observer. Vols. I.-XII.

8vo. *London*, 1862-67.

See also Student.

London. Journal of Elemental Locomotion; or monthly advocate of
the advantages to arise from the substitution of inanimate for
animate power. Edited by Alexander Gordon. Vol. I. (Tract.)

8vo. *London*, 1832-33.

- London.** Journal of Natural Philosophy, Chemistry, and the Arts.
(Nicholson's Journal.) Ser. 2, Vols. I.-XXX.
8vo. London, 1802-12.
- London.** Journal of Travel and Natural History. Edited by A. Murray.
Vol. I. 8vo. London, 1868-69.
- London.** Linnean Society.
Journal of the Proceedings. Zoology. Vols. I. etc.
8vo. London, 1857 etc.
Journal of the Proceedings. Botany. Vols. XII. etc.
8vo. London, 1869 etc.
Proceedings. Ser. 1, Vols. I. & II., 1838-1855. Ser. 2, Sess. 1864-1875.
8vo. London, 1849-76.
Transactions. Vols. IX.-XXX., with Indices.
4to. London, 1808-75.
Transactions. Ser. 2. Botany. Vols. I. etc.
4to. London, 1876 etc.
——. Ser. 2. Zoology. Vols. I. etc. 4to. London, 1876 etc.
Additions to the Library received* from June 20, 1874, to June 19, 1875. (Tract.) 8vo. London, 1875.
Charter and Bye-Laws, together with a patent of Armorial Ensigns, and a List of the Society. (Tract.) 4to. London, 1802.
Charter and Bye-Laws. (Tract.) 8vo. London, 1848.
List. 1852, 1854-1857, and 1859. 8vo. London, 1852-59.
- London.** Literarium, or Educational Gazette; a weekly journal of Education, Literature, Science, and Art. Vols. II.-IV. (very incomplete).
4to. London, 1856-57.
- London.** Literary Fund Society.
Addresses for the Anniversary Festivals, 1840 and 1842. (Tracts.)
8vo. London, 1840-42.
Charter of Incorporation, etc. (Tract.)
8vo. London, 1840.
- London.** Literary Gazette, and Journal of Belles-Lettres, Science, and Art (*afterwards* a Weekly Journal of Literature, Science, and the Fine Arts). Ser. 1, 1851-1858 (8 vols.). Ser. 2, Vols. I.-VIII., 1858-1862. 8vo. London, 1851-62.
- London.** London Geological Journal, and record of discoveries in British and Foreign Palæontology. Parts I.-III.
8vo. London, 1846-47.
- London.** London Institution.
Journal. A Programme and Record of Proceedings. Vol. I. and Nos. 18-22 and 27-28. 8vo. London, 1871-75.
Lecture Supplement to the Journal. Nos. 26 and 28. (Tracts.)
8vo. London, 1875-76.
Selected notices of Lectures delivered during the Winter of 1876-77. (Tract.) 8vo. London, 1877.
See LIBRARIES, CATALOGUES OF.
- London.** London Physiological Journal. Vol. I.
8vo. London, 1843-44.
- London.** London Review, and Weekly Journal of Politics, Literature, Art, and Society. Vols. II.-XV. Fol. London, 1861-67.

London. Magazine of Natural History, and Journal of Zoology, Botany, Mineralogy, Geology, and Meteorology.—Ser. 1. Conducted by J. C. Loudon. Vols. I.–IX., 1828–1836.—Ser. 2. Conducted by E. Charlesworth. Vols. I.–IV., 1837–1840.

8vo. *London*, 1828–40.

See Annals of Natural History, etc.

London. Malacological and Conchological Magazine. Edited by Sowerby. Part I. (Tract.)

8vo. *London*, 1838.

London. Mechanics' Magazine, Museum, Register, Journal, and Gazette [*afterwards* and Journal of Engineering, etc.]. Ser. 1, Vol. XXIV. Nos. 645, 649, and 655. Ser. 2, Vols. I. and IX.

4to. *London*, 1859–63.

London. Medical Press and Circular; a Weekly Journal of Medicine and medical affairs. 1868–1869. 4 vols.

4to. *London*, 1868–69.

London. Medico-Botanical [*afterwards* Royal] Society.

Anniversary Addresses. *See* STANHOPE (Earl).

Transactions for 1832 and 1833; and Vol. I. No. 4, 1839.

8vo. *London*, 1833?–39.

Bye-Laws. (Tract.)

8vo. *London*, 1828.

London. Microscopical Journal and Structural Record. Edited by D. Cooper. Vol. I., 1841.

8vo. *London*, 1842.

London. Microscopical (Royal) Society.

Address of the President (James Glaisher), 1867–1868. (Tract.)

8vo. *London*, 1868.

Journal . . . containing its Transactions, Proceedings, etc. Vols. I. etc.

8vo. *London*, 1878 etc.

Monthly Microscopical Journal; Transactions of the . . . Society, and Record of Histiological research at home and abroad. Vols. I.–XVI. (Vols. IX., XIII., and XIV. imperfect).

8vo. *London*, 1869–76.

Transactions. Ser. 1, Vols. I.–III., 1844–1852. Ser. 2, Vols. I.–XVI. (*See also* Quarterly Journal of Microscopical Science.)

8vo. *London*, 1853–68.

Constitution and Laws. (Tract.)

8vo. *London*, 1866.

London. Midland Scientific Association.

Transactions. Part II.

8vo. *London*, 1870.

London. Mining and Smelting Magazine. Vols. I.–VII.

8vo. *London*, 1862–65.

London. Mining Journal and Commercial Gazette. Vols. I.–XX. (some imperfect).

Fol. *London*, 1835–50.

London. Mining Review; a monthly record of Geology, Mineralogy, and Metallurgy. Vol. IV. (Nos. 4, 7, and 8 in duplicate), and Vol. V. No. 5. (Tract.)

4to. *London*, 1838.

See Quarterly Mining Review.

London. Monthly Microscopical Journal. *See* Microscopical Society.

London. Natural History Review; a quarterly journal of Biological Science. Vols. I.–V.

8vo. *London*, 1861–65.

London. Naturalists' Note Book. Vols. II.–III. (imperfect).

8vo. *London*, 1868–69.

- London.** *Nature*; a weekly illustrated journal of Science. Vols. I. etc.
Fol. *London*, 1870 etc.
- London.** *Nicholson's Journal.* See *Journal of Natural Philosophy.*
- London.** *Notes on Books*; being a Quarterly analysis of the works published by Messrs. Longman and Co. Vol. II. From March 1860 to February 1865.
4to. *London*, 1865.
- London.** *Numismatic Society.*
Proceedings, 1836-1839. 8vo. *London*, 1837-40.
- London.** *Odontological Society of Great Britain.*
Transactions. Vols. IV.-VI. 8vo. *London*, 1865-68.
- London.** *Our Friend*; a monthly miscellany adapted for all classes.
Nos. II.-V. February to May 1854. (Tracts.)
8vo. *London*, 1854.
- London.** *Palæontographical Society.* Publications. 2 copies.
4to. *London*, 1877 etc.
- Adams (A. L.). *Fossil Elephants.* 1877 etc.
- Bell (T.). *Fossil Malacostracous Crustacea.* 1857.
- . See Owen (R.).
- Binney (E. W.). *Structure of Fossil Plants found in the Carboniferous Strata.* 1868 etc.
- Brady (G. S.), Crosskey (H. W.), and Robertson (D.). *Post-Tertiary Entomostraca of Scotland, including species from England and Ireland.* 1874.
- Brady (H. B.). *Carboniferous and Permian Foraminifera (the genus Fusulina excepted).* 1876.
- Busk (G.). *Fossil Polyzoa of the Crag.* 1859.
- Darwin (C. R.). *Fossil Lepadidæ, or pedunculated Cirripedes.* 1851.
- . *Fossil Balanidæ and Verrucidæ.* 1854.
- Davidson (J.). *Fossil Brachiopoda.* 1851 etc.
- Dawkins (W. B.) and Sanford (W. A.). *Pleistocene Mammalia.* 1866 etc.
- Duncan (P. M.). *Fossil Corals. Second Series. Being a Supplement to the 'Monograph of the British Fossil Corals,' by MM. H. M. Edwards and Haime.* 1866-1872.
- Edwards (F. E.). *Eocene Mollusca, or descriptions of shells from the older Tertiaries of England.* 1849-1858.
- Edwards (H. Milne) and Haime (J.). *Fossil Corals.* 1850-55.
- Forbes (E.). *Echinodermata of the British Tertiaries.* 1852.
- Gardner (J. S.) and Ettingshausen (C. v.). *Eocene Flora.* 1879 etc.
- Jones (T. R.). *Entomostraca of the Cretaceous Formation of England.* 1849.
- . *Tertiary Entomostraca of England.* 1857.
- . *Fossil Estheriæ.* 1862.
- , Kirkby (J. W.), and Brady (G. S.). *Fossil Bivalved Entomostraca from the Carboniferous Strata.* 1874 etc.
- , Parker (W. K.), and Brady (H. B.). *Foraminifera of the Crag.* 1866 etc.
- King (W.). *Permian Fossils of England.* 1850,

London. Palæontographical Society. Publications.

Lycett (J.). Fossil Trigonæ. 1872-1879.

——. Mollusca from the Stonesfield Slate, Great Oolite, Forest Marble, and Cornbrash. [Supplementary Monograph.] 1863.

Miall (L. C.). Sirenoid and Crossopterygian Ganoids. 1878 etc.

Morris (J.) and Lycett (J.). Mollusca from the Great Oolite, chiefly from Minchinhampton and the coast of Yorkshire. [Supplemented by J. Lycett, *q. v.*] 1850-1855.

Owen (R.). Fossil Reptilia of the Cretaceous Formations. 1851-1864.

——. Fossil Reptilia of the Wealden and Purbeck Formations. 1853-64 etc.

——. Supplements. 1871 etc.

——. Fossil Reptilia from the Kimmeridge Clay. 1860 etc.

——. Fossil Reptilia of the Liassic Formations. 1861 etc.

——. Fossil Cetacea from the Red Crag. 1870 etc.

——. Fossil Mammalia of the Mesozoic Formations. 1871.

——. Fossil Reptilia of the Mesozoic Formations. 1874 etc.

—— and Bell (T.). Fossil Reptilia of the London Clay and of the Bracklesham and other Tertiary Beds. 1849-1858.

Phillips (J.). Belemnitidæ. 1865.

Powrie (J.) and Lankester (E. R.). Fishes of the Old Red Sandstone. 1868 etc.

Salter (J. W.). Trilobites. 1864.

Sharpe (D.). Fossil Remains of Mollusca found in the Chalk of England. 1853-1856.

Traquair (R. H.). Ganoid Fishes of the British Carboniferous Formations. 1877 etc.

Wood (S. V.). Crag Mollusca, with descriptions of shells from the Upper Tertiaries. 1848-1874.

——. Eocene Bivalves of England. 1861 etc.

Woodward (H.). Fossil Crustacea belonging to the order Merostomata. 1866-1878.

Wright (T.). Fossil Echinodermata from the Oolitic Formations. 1856-1880.

——. Fossil Echinodermata from the Cretaceous Formations. 1864 etc.

——. Lias Ammonites. 1878 etc.

London. Parthenon; a weekly journal of Literature, Science, and Art. Vols. I. and II. (imperfect). 4to. *London*, 1862-63.

London. Philosophical Magazine; comprehending the various branches of Science, etc.—Ser. 1. Vols. I.-XLI. and LXI.-LXVIII., 1798-1826. [With Vol. XLIII. Nicholson's Journal was incorporated.] —Ser. 2. Philosophical Magazine, or Annals of Chemistry, Mathematics, etc. [including the Annals of Philosophy]. Vols. I.-XI., 1827-1832.—Ser. 3. London and Edinburgh [and with Vol. XVII. "and Dublin"] Philosophical Magazine and Journal of Science [including the Edinburgh Journal of Science]. Vols. I.-XXXVII., 1832-1850.—Ser. 4. Vols. I.-L., 1851-1875.—Ser. 5. Vols. I. etc., 1876 etc., 8vo. *London*, 1798 etc.

- London.** Photographic Society of London [*afterwards* of Great Britain].
Journal. Vols. I.-XVI., 1854-1873.—Ser. 2. Journal and Transactions. Vols. I. etc., 1874 etc. 8vo. *London*, 1854 etc.
- London.** Physical Society.
Illustrations of the Centimetre-Gramme-Second (C.G.S.) System of Units. By J. D. Everett. 8vo. *London*, 1875.
Proceedings. Vol. I., 1874-1875. 8vo. *London*, 1876.
- London.** Phytologist; a popular Botanical miscellany. Part I. and Nos. 31-34. 8vo. *London*, 1842-44.
- London.** Popular Magazine of Anthropology. Vol. I. 8vo. *London*, 1866.
- London.** Popular Science Review, a quarterly miscellany of entertaining and instructive articles on scientific subjects. Ser. 1, Vols. XIII.-XV. Ser. 2, Vol. I. 8vo. *London*, 1874 etc.
- London.** Quarterly Journal of Microscopical Science. Vols. I.-VIII. New Series, Vols. I.-VIII. 8vo. *London*, 1853-67.
- London.** Quarterly Journal of Science. Vols. I.-VII. 8vo. *London*, 1864-70.
- London.** Quarterly Mining Review [*afterwards* Mining Review]. By H. English. Vols. II.-IV. (Vol. IV. is Vol. I. of a new series, and was the last published.) 8vo. *London*, 1831-37.
- London.** Quekett Microscopical Club.
Journal. Vols. I.-IV. (incomplete) and Vols. V. etc. 8vo. *London*, 1869 etc.
Reports (with lists of Members), 2, 4-8, and 10. 8vo. *London*, 1867-75.
- London.** Ray Society.
PUBLICATIONS:—
Agassiz (Louis). Bibliographia Zoologiæ et Geologiæ; a general catalogue of all books, tracts, and memoirs on zoology and geology. Corrected, enlarged, and edited by H. E. Strickland. 4 vols. 8vo. *London*, 1848-54.
Alder (Joshua) and Hancock (Albany). A Monograph of the British Nudibranchiate Mollusca. 4to. *London*, 1845.
Allman (G. J.). A Monograph of the Freshwater Polyzoa. 4to. *London*, 1856.
——. A Monograph of the Gymnoblasic or Tubularian Hydroids. 4to. *London*, 1871-72.
Baird (W.). The Natural History of the British Entomostraca. 8vo. *London*, 1850.
Blackwall (John). A History of the Spiders of Great Britain and Ireland. 4to. *London*, 1861-64.
Bowerbank (J. S.). A Monograph of the British Spongiadæ. 3 vols. 8vo. *London*, 1864-74.
Brady (G. Stewardson). A Monograph of the free and semi-parasitic Copepoda of the British Islands. Vols. I. & II. 8vo. *London*, 1878, 1880.
Braun (A.). The phenomenon of Rejuvenescence in Nature, especially in the life and development of plants. Translated by A. Henfrey. 8vo. *London*, 1853.

London. Ray Society.

PUBLICATIONS :—

- Brown (Robert). Miscellaneous botanical works. Edited by John J. Bennett. 2 vols. 8vo; Atlas, 4to. London, 1866-68.
- Buckton (George Bowdler). Monograph of the British Aphides. Vols. I. & II. 8vo. London, 1876-79.
- Burmeister (H.). The organization of Trilobites, deduced from their living affinities. Edited by Professors Bell and E. Forbes. 4to. London, 1846.
- Carpenter (W. B.), Parker (W. K.), and Jones (T. R.). Introduction to the Study of the Foraminifera. 4to. London, 1862.
- Cohn (Ferdinand). An abstract of the Natural History of *Protococcus pluvialis*. Translated by George Busk. 8vo. London, 1853.
- Darwin (Charles). A Monograph of the Subclass Cirripedia, with figures of all the species. 2 vols. 8vo. London, 1851, 1854.
- Derham (W.), Smith (J. E.), Cuvier (G.), and Dupetit-Thouars (A. A.). Memoirs of John Ray, consisting of his life, biographical and critical notices, and his itineraries, etc. Edited by Edwin Lankester. 8vo. London, 1846.
- Douglas (John William) and Scott (John). The British Hemiptera. Vol. I. Hemiptera-Heteroptera. 8vo. London, 1865.
- Eschricht (R.) and Lilljeborg (W.). Recent memoirs on the Cetacea. Edited by W. H. Flower. 4to. London, 1866.
- Forbes (E.). A Monograph of the British Naked-eyed Medusæ. 4to. London, 1848.
- Grisebach (A. H. R.). On Botanical Geography. Translated by W. G. Macdonald and George Busk. 8vo. London, 1846.
- . Report on Geographical Botany for 1844. 8vo. London, 1849.
- . Report on Geographical and Systematic Botany for 1845. 8vo. London, 1849.
- Günther (A. C. L. G.). The Reptiles of British India. 4to. London, 1864.
- Henfrey (Arthur). Reports and papers on Botany. 8vo. London, 1849.
- Hofmeister (William). On the germination, development, and fructification of the higher Cryptogamia, and on the fructification of the Coniferæ. Translated by F. Currey. 8vo. London, 1862.
- Huxley (T. H.). The Oceanic Hydrozoa; a description of the Calyphoridæ and Physophoridæ observed during the voyage of H.M.S. 'Rattlesnake' in 1846-1850. 4to. London, 1859.
- Leighton (W. A.). The British species of Angiocarpous Lichens elucidated by their Sporidia. 8vo. London, 1851.
- Link (H. F.). The Progress of Physiological Botany in 1841. Translated by E. Lankester. 8vo. London, 1841-42.
- . Report on Botany. Translated by J. Hudson. 8vo. London, 1846.
- . Report on Physiological Botany for 1844-45. 8vo. London, 1849.

Annual Reports, 10 (1833), 13 (1836), 14 (1837), and 52 (1875).

Committee of Correspondence. (Tract.) Fol. *London*, 1823.

Proceedings, 1832, 1833, and 1836. (Imperfect.)

8vo. *London*, 1832-36.

Regulations. (Tract.) 4to. *London*, 1823-27.

Transactions. Vols. I.-III. 4to. London, 1827-35.

London. Royal Institution of Great Britain.

Journal. Ser. 2, Vols. I. and II., 1830-1831.

8vo. *London*, 1831-32.

Journal (*afterwards* Quarterly) of Science (Literature) and the Arts.

Vols. I.-XXII. and Index, 1816-1827. Ser. 2, Vols. I.-VI.,
1827-1830. 8vo. London, 1816-30.

8vo. *London*, 1816–30.

Notices of the Proceedings. Vols. I. etc. 8vo. *London*, 1854 *etc.*

Lectures on Education. 8vo. *London*, 1855.

List of the Members, Officers, &c., with the Report of the Visitors.

1849-1862, 1866, 1874, 1875. 8vo. *London*, 1850-75.

See LIBRARIES, CATALOGUES OF.

London. Royal Society.

Catalogue of Scientific Papers. Vols. I.-VIII.

4to. *London*, 1867-79.

Descriptive Catalogue of the Portraits in the possession of the Royal Society. By Charles Richard Weld. (Tract.)

8vo. *London*, 1860.

Diplomata et Statuta regalis Societatis Londini. (Tract.)

4to. *London*, 1823.

—, (Tract.)

4to. *London*, 1831.

History of the Society. See SPRAT (Thomas) and GRANVILLE (A.B.).

Philosophical Transactions and Collections, abridged. Vols. I.-III.,

4th edition; Vols. IV. and V., 2nd edition; and Vol. VI. (to the

end of the year 1733). 4to. *London*, 1731-34.

— Vols. I.-XVIII. (1665-1800). New edition.

4to. *London*, 1809.

Philosophical Transactions. Vols. LXII.-LXXXII. (part 1) and

Vol. **XCI.** (1801) etc. 4to. *London*, 1772 etc.

Proceedings. Vols. I. etc. 8vo. *London*, 1832 etc.

Report of the Relief Fund Committee. (Tract.)

8vo. *London*, 1864.

Statutes: made in the year 1823. (Tract.) 4to. London, 1823.

— (Tract.) 4to. London, 1831.

—, (Tract.) 8vo. London, 1847.

See LIBRARIES, CATALOGUES OF.

London. School (Royal) of Mines. Magazine. Vol. I. Nos. 1 & 2.

8vo. *London*, 1876-77.

- London.** Scientific Memoirs, selected from the Transactions of Foreign Academies of Science and learned Societies, and from Foreign Journals. Edited by Richard Taylor. 5 vols. 8vo. *London*, 1837-52.
- London.** Scientific Society.
 Proceedings. Vols. I. & II. 8vo. *London*, 1839-40.
- London.** Society (Royal) of Literature.
 Annual Report, 1828. (Tract.) 4to. *London*, 1828.
- London.** Society for Promoting Practical Design.
 Account of the Inaugural Meeting held at Exeter Hall, January 11th, 1838. (Tract.) 8vo. *London*, 1838.
- London.** Society of Public Analysts.
 The Analyst, including the proceedings of the Society. Vol. I. Nos. 11 & 12, and Vols. IV. etc. 8vo. *London*, 1877 etc.
- London.** Society (instituted at London for the encouragement) of Arts (Manufactures and Commerce).
 Journal. Vols. I. etc. 8vo. *London*, 1852 etc.
 Transactions. Vols. I. (3rd edition)-LIV. 8vo. *London*, 1806-43.
 Premiums offered in the Sessions 1827-1836, 1838-1842, 1843-1845, and 1852-1853. 8vo. *London*, 1827-53.
- London.** Society of Biblical Archæology.
 Transactions. Vols. I. etc. (imperfect). 8vo. *London*, 1872 etc.
- London.** Society of Medical Officers of Health.
 Annual Report, 1876 etc. 8vo. *London*, 1877 etc.
- London.** Statist. 1854, pp. 1-40. (Tract.) 8vo. *London*, 1854.
- London.** Statistical Society.
 Journal. Vols. XVII.-XXII. 8vo. *London*, 1854-59.
 Objects and Regulations, and List of Fellows. (Tract.) 8vo. *London*, 1855.
- London.** Student and Intellectual Observer. (See also Intellectual Observer.) Vols. I.-V. 8vo. *London*, 1868-71.
- London.** Surrey Archæological Society.
 Transactions: Surrey Archæological Collections relating to the History and Antiquities of the County. Vol. I., 1854. 8vo. *London*, 1856.
- London.** Syro-Egyptian Society.
 Report of the Correspondence and Papers read at the General Meetings, Session 1850-1851. With a list of the Officers and Members. (Tract.) 8vo. *London*, 1851.
- London.** Trinity College.
 Calendar for the academical year 1879-80. 8vo. 1879.
- London.** University College.
 Calendar for the Session 1858-1859. 8vo. *London*, 1858.
 Proceedings at the Annual General Meetings of the Members, 1856 and 1858. (Tract.) 8vo. *London*, 1856, 1858.
- See LIBRARIES, CATALOGUES OF.
- London.** Victoria Institute, or Philosophical Society of Great Britain.
 Journal of the Transactions. Vol. I., Vol. II. Nos. 6 & 7, Vol. III. No. 9, and Vols. VIII. etc. 8vo. *London*, 1867 etc.
 Scientia Scientiarum. Being some account of the Origin and Objects of the . . . Institute. By a Member. (Tract.) 8vo. *London*, 1865.

- London.** West London Scientific Association and Field-Club.
Annual Reports (&c.) for 1876-77 and 1877-78. 8vo. *London*, 1877-78.
- Proceedings. Vols. I. etc. 8vo. *London*, 1875 etc.
- London.** Zoological Miscellany. Edited by John Edward Gray. Vol. I.
pp. 1-40. (Tract.) 8vo. *London*, 1831.
- London.** Zoological Society of London.
Reports of the Council (and Auditors), read at the Annual General Meetings, 1848-1850, 1852-1854, 1864, 1872, 1875, and 1876. 8vo. *London*, 1848-76.
- Proceedings, 1830 etc. 8vo. *London*, 1831 etc.
- Revised List of the Vertebrated Animals now or lately living in the Gardens. 1872. 8vo. *London*, 1872.
- . Supplement, containing additions received in 1872, 1873, and 1874. (Tract.) 8vo. *London*, 1875.
- . 7th edition. 8vo. *London*, 1879.
- Transactions. Vols. I. etc. 4to. *London*, 1835 etc.
- See LIBRARIES, CATALOGUES OF.
- London.** Zoologist: a Popular Miscellany of Natural History, conducted by Edward Newman. Vol. I. 8vo. *London*, 1843.
- Lund.** Universitas Lundensis. (Lunds Universitet.)
Acta. Års 1864-1867 and 1871-72. 4to. *Lund*, 1864-72.
- Lyons.** Académie (Royale, Impériale, ou Nationale) des Sciences, Belles-Lettres et Arts.
Bulletin des Séances, 1865. (1 no.) 8vo. *Lyons*, 1865.
- Mémoires. Classe des Sciences. Tom. XIV.-XVI., 1864-67.
Classe des Lettres. Tom. XII., 1864-65. 8vo. *Lyons*, 1864-67.
- Lyons.** Muséum d'Histoire naturelle.
Archives. Tom. I. livr. 1-4. 4to. *Lyons*, 1872-75.
- Madison.** Wisconsin State Historical Society.
Report for the year 1854. 8vo. *Madison*, 1855.
- Madison.** Wisconsin Teachers' Association.
Annual Report (I.), 1854. (Tract.) 8vo. *Madison*, 1854.
- Madison.** Wisconsin University.
Annual Report of the Board of Regents (IX.), 1856. (Tract.) 8vo. *Madison*, 1857.
- Madras.** Literary Society.
The Madras Journal of Literature and Science. Vols. IV.-XII. 8vo. *Madras*, 1836-40.
- Madrid.** Academia (Real) de Ciencias Exactas, Físicas y Naturales.
Memorias. Tom. I. etc. 4to. *Madrid*, 1850 etc.
- Real decreto de creacion. (Tract.) 4to. *Madrid*, 1850.
- Resumen de las actas, 1847-48. 8vo. *Madrid*, 1848.
- Madrid.** Anales de Minas. Tom. I.-IV. 8vo. *Madrid*, 1838-46.
- Madrid.** Escuela de Minas de España.
Actas de la Sesión pública celebrada para conmemorar la fundacion, . . . 1877. (Tract.) 4to. *Madrid*, 1877.
- Centenario, 1777-1877. 8vo. *Madrid*, 1877.

- Madrid.** Ministerio de Comercio.
Boletín oficial. Instrucción y Obras públicas. Tom. IX. No. 106.
(Tract.) 8vo. *Madrid*, 1850.
- Madrid.** Revista Minera: periódico científico é industrial. Vol. I.
No. 3, pp. 65-96. (Tract.) 8vo. *Madrid*, 1850.
- Manchester.** Literary and Philosophical Society.
Memoirs. Ser. 2, Vols. I.-XV., 1805-1860.—Ser. 3, Vols. I. etc.
1862 etc. 8vo. *Manchester*, 1805 etc.
Proceedings. Vols. I. etc. (No. 6, 1862-63, in duplicate.)
8vo. *Manchester*, 1860 etc.
- See LIBRARIES, CATALOGUES OF.
- Manchester.** Manchester Geological Society.
Transactions. Vols. I. etc.
See LIBRARIES, CATALOGUES OF.
8vo. *London and Manchester*, 1841 etc.
- Manchester.** Mechanics' Institution.
Reports of the Directors, and proceedings at the Anniversary Meeting, February 1835 and 1836. (Tract.)
8vo. *Manchester*, 1835.
- [See also BROUGHAM (*Lord*).]
See LIBRARIES, CATALOGUES OF.
- Manchester.** Natural-History Society.
Catalogue of Foreign Shells, arranged according to the system of Lamarck. (Tract.) 8vo. *Manchester*, 1837.
- Mannheim.** Academia Electoralis Scientiarum et Elegantium Literarum Theodoro-Palatina.
Acta historica et physica. Vols. I.-VII.
4to. *Mannheim*, 1766-94.
- Mannheim.** Kurpfälzische physikalisch-ökonomische Gesellschaft.
Bemerkungen. Jahrg. 1775. 8vo. *Lautern*, 1779.
- Marlborough.** Marlborough College Natural-History Society.
Report, 1866. 8vo. *Marlborough*, 1867.
- Mauritius.** Royal Society of Arts and Sciences.
Transactions. Vol. I. 8vo. *Mauritius*, 1847-49.
- Mauritius.** Société d'Histoire naturelle.
Extraits des Procès-verbaux. 1832. (Tracts.)
8vo. *Mauritius*, 1832.
Rapport (VII.) annuel sur les travaux de la Société. Par M. Julien Desjardins. (Tract.) 8vo. *Mauritius*, 1836.
- Melbourne.** Philosophical Society of Victoria.
Transactions. Vols. I. etc. (Vol. I. in duplicate.)
8vo. *Melbourne*, 1855 etc.
- Melbourne.** Royal Society of Victoria.
Progress Reports, and Final Report of the Committee of the Royal Society. 8vo. *Melbourne*, 1863.
- Mexico.** Sociedad Mexicana de Historia natural.
Informe rendido por el primer Secretario . . . en la junta general . . . de 1875. 4to. *Mexico*, 1875.
La Naturaleza. Tomo III. Nos. 2-15 (No. 2 in duplicate).
4to. *Mexico*, 1874-75.

- Milan.** Biblioteca Italiana ossia Giornale di Letteratura, Scienze ed Arti. Tom. I. and II. 8vo. *Milan*, 1816.
See also ACERBI (Giuseppe).
- Milan.** Istituto (reale) lombardo di Scienze e Lettere.
Annuario. 1864, 1866, and 1868. 8vo. *Milan*, 1864-68.
Atti. Vols. II. and III. 4to. *Milan*, 1860-62.
Giornale. Tom. I.-VIII. 8vo. *Milan*, 1841-47.
Giornale e Biblioteca italiana. Ser. 2, Tom. I. etc. 4to. *Milan*, 1847 etc.
Memorie; Classe di Scienze naturali e mathematiche. Vols. I. etc. 4to. *Milan*, 1843 etc.
Rendiconti. Ser. 1, Vols. I.-IV., 1864-1867. Ser. 2, Vols. I. etc. (Vol. I., imperfect, in duplicate.) 8vo. *Milan*, 1864 etc.
Solenni Adunanze. Adunanza del 7 agosto 1866, 1867, 1868. 8vo. *Milan*, 1867.
- Milan.** Società Geologica (*after the first volume* Società Italiana di Scienze Naturale). Atti. Vols. I. etc. 8vo. *Milan*, 1859 etc.
- Minneapolis.** Minnesota Academy of Natural Sciences.
Bulletin. 1874, 1876, and 1877-1878. 8vo. *Minneapolis*, 1874-78.
Constitution and By-Laws; with Address of President &c. for 1873. (Tract.) 8vo. *Minneapolis*, 1873.
- Montpellier.** Académie des Sciences et Lettres.
Extraits des Procès-verbaux des séances. 1850-1852. (Tracts.) 8vo. *Montpellier*, 1851-52.
Mémoires. (A portion of the volume for 1848, pp. 105-201. No titlepage.) 4to. *Montpellier*, 1848.
- Montreal.** McGill University.
Statement of the Board of Royal Institution Governors, 1862. (Tract.) 8vo. *Montreal*, 1862.
- Montreal.** Natural-History Society.
Canadian Naturalist and Geologist (and Proceedings of the Natural-History Society of Montreal). Vols. I.-VIII., 1857-1863. New Series, Vols. I.-VII., 1864 etc. 8vo. *Montreal*, 1857 etc.
- Montrose.** Montrose Natural-History and Antiquarian Society.
Report of the Directors . . . 1866 and 1878. 8vo. *Montrose*, 1867-78.
- Moscow.** Société Impériale des Naturalistes.
Bulletin. Tomes VI., IX., XIII.-XVI., and XIX. etc. 8vo. *Moscow*, 1833 etc.
Extraits du Règlement, 1836. (Tract.) 4to. *Moscow*, 1836.
Mémoires. Tom. V., 1817. Ser. 2 (Nouveaux Mémoires), Tom. III.-IV., VII., IX.-XIII., 1834 etc. 8vo. *Moscow*, 1817 etc.
- Munich.** Bayerische (königliche) Akademie der Wissenschaften.
Abhandlungen der mathematisch-physikalischen Classe. Band I. etc. 4to. *Munich*, 1832 etc.
Denkschriften. Band I.-VI. 4to. *Munich*, 1809-20.
Almanach, 1843-1859. 8vo. *Munich*, 1843-59.
Gelehrte Anzeigen. (Bulletin.) Band XV.-L. (incomplete.) 4to. *Munich*, 1842-60.

Munich. Bayerische (königliche) Akademie der Wissenschaften.

Sitzungsberichte. Jahrg. 1860–1870 (Jahrg. 1868 in duplicate).

Inhaltsverzeichniss (1872). Ser. 2, Band I. etc. 1871 etc.

8vo. *Munich*, 1860 etc.

Einleitende Worte zur Feier des allerhöchsten Geburtsfestes Sr. Majestät des Königs Maximilian II., gesprochen in der öffentlichen Sitzung . . . am 28. November 1859, von M. J. Müller.

4to. *Munich*, 1859.

Festrede [Ueber den Chemismus der Vegetation, von A. Vogel] gehalten am 27. November 1852.

4to. *Munich*, 1852.

Festrede [Von der Bedeutung der Sanskritstudien für die griechische Philologie] gehalten . . . am 28. März 1860, von W. Christ.

4to. *Munich*, 1860.

Festrede [Grenzen und Grenzgebiete der physiologischen Forschung] gehalten in der öffentlichen Sitzung . . . am 28. November 1860, von E. Harless.

4to. *Munich*, 1860.

Festrede zur Vorfeier des allerhöchsten Geburts- und Namensfestes seiner Majestät Ludwig II. Königs von Bayern, gehalten in der öffentlichen Sitzung . . . am 25. Juli 1878, von Dr. Adolf Baeyer.

4to. *Munich*, 1878.

Rede [nebst einer Darstellung über das Leben und Wirken von J. A. Schmeller] gehalten [von F. von Thiersch] am 27. November 1852.

4to. *Munich*, 1853.

Rede . . . am 28. März 1860, zur Feier ihres einhundert und ersten Stiftungstages gehalten von J. von Liebig.

4to. *Munich*, 1860.

Rede in der öffentlichen Sitzung . . . am 28. November 1861, gehalten von J. von Liebig.

4to. *Munich*, 1861.

Rede [Francis Bacon von Verulam, und Die Geschichte der Naturwissenschaften] . . . am 28. März 1863, von J. von Liebig.

4to. *Munich*, 1863.

Rede [Die Entwicklung der Ideen in der Naturwissenschaft] in der öffentlichen Sitzung . . . am 25. Juli 1866 . . . gehalten von J. von Liebig.

4to. *Munich*, 1866.

Verzeichniss der Mitglieder, 1860 and 1862.

4to. *Munich*, 1860–62.

Vortrag [Die Bedeutung moderner Gradmessungen] in der öffentlichen Sitzung . . . am 25. Juli 1866 . . . gehalten von C. M. Bauernfeind.

4to. *Munich*, 1866.**Nancy.** Société des Sciences [ancienne Société des Sciences naturelles de Strasbourg].

Bulletin. Sér. 2, Vol. III. etc.

8vo. *Nancy*, 1878 etc.**Naples.** Accademia (reale) delle Scienze.

Atti. Vol. V.

4to. *Naples*, 1843.**Neufchatel.** Société des Sciences naturelles.

Bulletin. Tom. I. etc.

8vo. *Neufchatel*, 1847 etc.

Mémoires. Tom. I.–IV.

4to. *Neufchatel*, 1835–74.**Newbury.** Newbury District Field-Club.

Transactions. Vol. I. 1870–71.

8vo. *Newbury*, 1871.**Newcastle.** Literary and Philosophical Society.

Report (49). (Tract.)

8vo. *Newcastle*, 1842.

See LIBRARIES, CATALOGUES OF.

- Newcastle.** Natural-History Society of Northumberland, Durham, and Newcastle-upon-Tyne.
 Natural-History Transactions of Northumberland and Durham, being papers read at the N. H. S. . . . and the Tyneside Naturalists' Field-Club. Vols. I. etc. 1865 etc. 8vo. *London, Edinburgh, and Newcastle-upon-Tyne*, 1867 etc.
 Reports. 1830-1847. 8vo. *Newcastle*, 1830-48.
 Transactions. Vols. I., II. 4to. *Newcastle and London*, 1830-38.
- Newcastle.** North-of-England Institute of Mining and Mechanical Engineers.
 Transactions. Vols. I., II., and VI. etc. 8vo. *Newcastle-upon-Tyne*, 1852 etc.
- Newcastle.** Tyneside Naturalists' Field-Club.
 Transactions. Vols. I.-VI. 8vo. *Newcastle-upon-Tyne*, 1848-64.
See also Natural-History Society of Northumberland, Durham, and Newcastle-upon-Tyne.
- New Haven.** American Journal of Science and Arts. Edited by B. Siliman &c. Ser. 1, Vols. I.-L., including Index volume (Vol. II. imperfect) (1818-1845). Ser. 2, Vols. I.-L. (1846-1870). Ser. 3, Vols. I. etc. (1871 etc.). 8vo. *New Haven*, 1818 etc.
- New Haven.** Connecticut Academy of Arts and Sciences.
 Transactions. Vol. I., Vol. II. part 1, Vol. III. part 1, and Vol. IV. part 1. 8vo. *New Haven*, 1866-77.
- New Orleans.** New Orleans Academy of Science.
 Constitution and By-Laws. (Tract.) 8vo. *New Orleans*, 1854.
 Proceedings. Vol. I. No. 1. 8vo. *New Orleans*, 1854.
- Newport (Vt.).** Orleans County Society of Natural Sciences.
 Archives of Science and Transactions. Vol. I. Nos. 1-3. 1870-1871. 8vo. *Newport, Vermont*, 1870-71.
- New York.** New-York Academy of Sciences. *See* Lyceum of Natural History.
- New York.** American Chemist, a Monthly Journal of Theoretical, Analytical, and Technical Chemistry. Vol. II. 4to. *New York*, 1872.
- New York.** American Medical and Philosophical Register; or, Annals of Medicine, Natural History, Agriculture, and the Arts. 2nd edition. Vols. I.-IV. 8vo. *New York*, (1811-)1814.
- New York.** American Mineralogical Journal. Vol. I. Nos. 1-3. (Tracts.) 8vo. *New York*, 1810.
- New York.** American Museum of Natural History.
 Annual Report. January 1870. 8vo. *New York*, 1870.
- New York.** Cooper Union for the Advancement of Science and Art.
 Annual Report. (Tract.) 8vo. *New York*, 1861.
- New York.** Literary and Philosophical Society.
 Transactions. Vol. I. 4to. *New York*, 1814-15.
- New York.** Lyceum of Natural History (*afterwards* New-York Academy of Sciences).
 Annals. Vols. I. etc. (imperfect). 8vo. *New York*, 1824 etc.
 Proceedings. Ser. 1, April 4, 1870, to May 8, 1871 (Vol. I.?). Ser. 2, Nos. 1-4, 1873-1874. 8vo. *New York*, 1870-74.

- New York.** Lyceum of Natural History (*afterwards* New-York Academy of Sciences).
 Charter, Constitution, By-Laws, and List of the Members, etc. 1864. (Tract.) 8vo. *New York*, 1864.
- Nordhausen.** Berg- und Hüttenmännische Zeitung. See **FREIBERG**.
- Norwich.** Geological Society.
 Address of the retiring President [J. Gunn] and Proceedings of the 13th annual meeting . . . 1877. 8vo. *Norwich*, 1877.
 Proceedings. Vol. I. parts 1 & 2. 8vo. *Norwich*, 1878.
 Report of the Monthly Meeting held March 7th, 1876. (Tract: extract from newspaper.) *Norwich*, 1876.
- Norwich.** Norfolk and Norwich Naturalists' Society.
 Transactions. Vol. II. parts 1 & 2. 8vo. *Norwich*, 1875-76.
- Norwich.** Science Gossip Club.
 Introductory Address entitled Notes on Science, by H. B. Woodward, 1877. 8vo. *Norwich*, 1877.
 Report of Proceedings at the Annual Meetings . . . 1875 and 1876. 8vo. *Norwich*, 1876.
- Odessa.** Новороссійскаго Общества Естество Испытателей—New Russian Society of Naturalists. Memoirs. Vols. I. etc. 8vo. *Odessa*, 1872 etc.
- Offenbach.** Offenbacher Verein für Naturkunde.
 Bericht, 17 u. 18. 8vo. *Offenbach*, 1878.
 Statuten. (Tract.) 8vo. *Offenbach*, 1859.
- Oswestry.** Oswestry and Welshpool Naturalists' Field-Club and Archæological Society.
 Report of Meetings . . . 1857-64. 8vo. *Oswestry*, 1865.
- Oxford.** Ashmolean Society.
 Abstract of the Proceedings. Vols. I. & II., 1832-42, and Nos. 31-33, 1853-55. 8vo. *Oxford*, 1844-55.
- Padua.** Accademia (reale) di Scienze, Lettere ed Arti.
 Rivista periodica dei lavori. Vols. I.-XIII. 8vo. *Padua*, 1851-65.
- Palermo.** Accademia delle Scienze e Belle Lettere.
 Statuti. (Tract.) 8vo. *Palermo*, 1832.
- Palermo.** Istituto (reale) tecnico.
 Giornale di Scienze naturali ed economiche. Vols. II.-V. 4to. *Palermo*, 1866-69.
- Palermo.** Società di Acclimazione e di Agricoltura in Sicilia.
 Atti. Tom. I. No. 1-4 and 7-8; Tom. II. No. 1. 8vo. *Palermo*, 1860-62.
- Palermo.** Società di Scienze naturali ed economiche.
 Bullettino. Nos. 5-10 and 12 & 13. 4to. *Palermo*, 1878-79.
 Giornale. Vol. XIII. 4to. *Palermo*, 1878.
- Paris.** Académie des Sciences de l'Institut de France.
 Comptes rendus hebdomadaires des séances. Tom. I.-LXXXIII. Supplément, Vols. I. & II., 1856-1861. 4to. *Paris*, 1835-76.
 Mémoires. Vols. V.-XXVIII., XXX., XXXI., and XXXIII. 4to. *Paris*, 1826-61.
 Mémoires présentés par divers savans. Tom. I.-III. and V.-XVII. 4to. *Paris*, 1827-62.

- Paris.** *Annales des Mines.* Sér. 1, Tom. I.-XI., 1817-1826. Sér. 3. Tom. I.-XX., 1832-1841. Sér. 4, Tom. I.-XX., 1842-1851, Sér. 5, Tom. I.-XX., 1852-1861. Sér. 6, Vols. I.-XX., 1862-1871. Sér. 7, Vols. I. etc., 1872 etc. 8vo. *Paris*, 1817 etc.
- Paris.** *Annales des Sciences géologiques*, publiées par A. Rivière. Vol. I. 8vo. *Paris*, 1842.
- Paris.** *Annales des Sciences géologiques*, publiées sous la direction de MM. Hébert et Milne-Edwards. Vols. I. etc. (2 copies, one imperfect in Vols. III., V., and VII.). 8vo. *Paris*, 1869 etc.
- Paris.** *Annales des Sciences naturelles.* Sér. 1, Vols. I.-XXX. (Vols. XXII.-XXX. in duplicate, and atlases in 4to to Vols. I.-XII.), 1824-33. Sér. 2, Zoologie, Vols. I.-XX., 1834-43. Sér. 3, Zoologie, Vols. I.-XX., 1844-53. Sér. 4, Zoologie, Vols. I.-XX., 1854-63. Sér. 5, Zoologie et Paléontologie, Vols. I.-XX., 1864-74. Sér. 6, Zoologie et Paléontologie, Vols. I. etc., 1874 etc. 8vo. *Paris*, 1824 etc.
- See also* *Revue bibliographique des Sciences naturelles.*
- Paris.** *Annales des Sciences d'Observation*, comprenant l'Astronomie, la Physique, etc., par Saigey, etc. 2 vols. 8vo. *Paris*, 1829.
- Paris.** *Association française pour l'Avancement des Sciences.*
Comptes Rendus. 1872 etc. 8vo. *Paris*, 1873 etc.
- Paris.** *Bulletin général et universel des Annonces et des Nouvelles scientifiques.* Publié sous la direction de M. de Férussac. 8vo. *Paris*, 1823-31.
- Bulletin des Annonces et des Nouvelles scientifiques.* 4 vols. 1823. Sciences Mathématiques, Astronomiques, Physiques et Chimiques. 10 vols. 1824-1828.
- Sciences Naturelles et Géologie.* 27 vols. (3 vols. wanting). 1824-1831.
- Sciences Médicales.* 15 vols. 1824-1828.
- Sciences Agricoles et Economiques.* 10 vols. 1824-1828.
- Sciences Technologiques.* 10 vols. 1824-1828.
- Sciences Géographiques et Economiques.* 11 vols. 1824-1827.
- Sciences Historiques.* 10 vols. 1824-1828.
- Sciences Militaires.* 5 vols. 1824-1828.
- Paris.** *Echo du Monde savant.* Journal analytique des nouvelles et progrès scientifiques. 1^{re} année, Nos. 33-44, 2^e année, No. 90, and 3^e année, Nos. 22 and 29. (Tracts.) 4to. *Paris*, 1834-36.
- Paris.** *Journal de Conchyliologie*, comprenant l'étude des animaux, des coquilles vivantes et des coquilles fossiles, [or] l'étude des mollusques vivants et fossiles. Sér. 1, Vols. I.-IV., 1850-53. Sér. 2, Vols. I.-IV., 1856-60. Sér. 3, Vols. I. etc. (Whole series, Vols. I. etc., with Index.) 8vo. *Paris*, 1850 etc.
- Paris.** *Journal de Géologie*, par Boué, etc. 8vo. *Paris*, *Strasburg*, and *Brussels*, 1830-31.
- Paris.** *Journal des Mines*; publié par l'agence [le conseil] des mines de la République, [and afterwards] ou recueil de mémoires sur l'exploitation des mines et sur les sciences et les arts qui s'y rapportent. Vols. I.-XXXVIII., with indices. 8vo. *Paris*, 1795-1815.

* * * For continuation see *Annales des Mines*.

- Paris.** Hermès, Journal des Nouvelles scientifiques. 1^e année. Nos. 1-4 and 6. (Tract.) 4to. *Paris*, 1836.
- Paris.** L'Institut, Journal Universel des Sciences et des Sociétés savantes en France et à l'étranger. Tome XXIII.-XXXV. (XXVIII. & XXIX. very imperfect, in duplicate). 4to. *Paris*, 1860-67.
- Paris.** Muséum [National] d'Histoire naturelle [de l'Institut de France]. Annales. Sér. 1, Tom. I.-XX., 1802-1813. Sér. 2, Tom. I.-XX., 1815-1832. Sér. 3, Nouvelles Annales, Tom. I.-IV., 1832-1835. 4to. *Paris*, 1802-35.
- Archives. Sér. 1, Tom. I.-X., 1839-1861. Sér. 2, Nouvelles archives, Tom. I.-X., 1865-1874. Sér. 3, Tom. I. etc., 1878 etc. 4to. *Paris*, 1839 etc.
- Rapport annuel de MM. les Professeurs et Chefs de Service, 1878. 8vo. *Paris*, 1879.
- Paris.** Observations et Mémoires sur la Physique etc. See ROZIER (F.).
- Paris.** Revue bibliographique [pour servir de complément aux annales] des Sciences naturelles. Vols. I. & II., 1829-1831. 8vo. *Paris*, 1829-32.
- Paris.** Revue Scientifique de la France et de l'étranger. Tom. IX.-XI., and XVIII. etc. 4to. *Paris*, 1872 etc.
- Table des Matières contenues dans le quatorze premiers volumes (1864-1874). 8vo. *Paris*, 1875.
- Paris.** Société d'Agriculture du Département de la Seine. Mémoires d'Agriculture, d'Economie rurale et domestique. Tom. IV. 8vo. *Paris*, 1802.
- Paris.** Société de Géographie. Bulletin. Sér. 5, Tom. VIII. (incomplete). 8vo. *Paris*, 1864.
- Extrait du Bulletin. Rapport sur le concours pour le prix annuel (voyages de 1849) et Lettre sur le Haut Fleuve Blanc, communiquée par M. D'Arnaud. (Tract.) 8vo. *Paris*, 1852.
- Documents et Nouvelles géographiques. Part. I. & II. 1854-1855. (Tracts.) 8vo. *Paris*, 1855.
- Paris.** Société Géologique de France. Liste des Membres, 1846, 1850, and 1852. (Tracts.) 8vo. *Paris*, 1846-52.
- Ordonnance du Roi [Louis Philippe] qui reconnaît la Société Géologique comme Etablissement d'utilité publique, etc. (Tract.) 8vo. *Paris*, 1832.
- Règlement constitutif. (Tract.) 4to. *Paris*, 1830.
- Règlement constitutif et administratif. (Tract.) 8vo. *Paris*, 1831.
- Bulletin. Sér. 1, Vols. I.-XIV., 1830-1843. Sér. 2, Vols. I.-XXIX., 1843-1873. Sér. 3, Vols. I. etc., 1873 etc. 8vo. *Paris*, 1830 etc.
- Mémoires. Sér. 1, Vols. I.-V. (Vols. I.-III. in duplicate), 1833-1843. Sér. 2, Vols. I.-X., 1844-1877. Sér. 3, Vols. I. etc., 1877 etc. 8vo. *Paris*, 1833 etc.
- Rapport sur les travaux pendant les années 1832 et 1833, par M. Puillon-Boblaye. (Tract.) 8vo. *Paris*, 1835.

Paris. Société Géologique de France.

Résumé des travaux pendant les années 1833–1834, par M. Rozet.
(Tract.) 8vo. *Paris*, 1835.

Réunion extraordinaire à Liège. (Tract.) 8vo. *Paris*, 1863.

Statistique administrative, depuis l'époque de sa fondation, en 1830,
jusqu'au 31 décembre, 1843, par A. Viquesnel. (Tract.)
8vo. *Paris*, 1844.

Paris. Société d'Histoire naturelle.

Actes. Tom. I. Fol. *Paris*, 1792.

Mémoires. 1 vol., 1799. Sér. 2, Tome III. livr. 3, 1827.
4to. *Paris*, 1799–1827.

Paris. Société Météorologique de France.

Annuaire. Tom. I. part. 1, feuilles 5–8. 8vo. *Paris*, 1853.

Paris. Société (Impériale) Zoologique d'Acclimatation.

Bulletin mensuel. Sér. 1, Tom. VIII. no. 11, 1861. Sér. 2, Tom.
II. no. 2, 1865. 8vo. *Paris*, 1861–65.

Penzance. Royal Geological Society of Cornwall.

Annual Reports of the Council, etc., II., XXX., XXXI., and
LXIII. 8vo. *Penzance*, 1816, 1843–44.

Transactions. Vols. I.–VI. & VIII. pts. 1 & 2.
8vo. *London and Penzance*, 1818 etc.

Laws. (Tract.) 12mo. *Penzance*, 1814.

Report of the 57th annual meeting. (Newspaper cutting.)
Penzance, 1874.

Pesth. Budapesti Szemle (Budapesth Review). Szerkeszti és kiadja Csengery Antal. Köt. XIII.–XV. and XVII.

8vo. *Pesth*, 1861–63.

Pesth. Literarische Berichte aus Ungarn, herausgegeben von Paul Hunfalvy. Vols. I. etc. 8vo. *Budapesth*, 1877 etc.**Pesth.** Magyar Tudományos Akadémiai. (Academia scientiarum Hungarica.)

Almanach, 1871, 1872, and 1874 etc. 8vo. *Pesth*, 1871 etc.

Értékezések, a matematikai (ostaly) Köréből. (Mathematical
Memoirs.) Köt. I., 3–11; II., 1, 3–6; III., 1–8; IV., 1–3, 5–9;
V., 1–10; VI., 1 & 2. 8vo. *Pesth*, 1868–77.

Értékezések, a természettudományi (ostaly) Köréből. (Memoirs on
Natural Science.) Köt. I., 13–19; II., 1–15; III., 1–3, 15;
IV., 3–5; V., 1–11; VI., VII., VIII., 1–7.

8vo. *Pesth*, 1868–77.

Értesítő, az archæologiai bizottság közlönye. (Intelligencer; journal
of the Archæological Commission.) Köt. II., 9–20; III., 1–20;
IV., 1–18; V., 1–17; VI., 1–8; VII., 8–14; VIII., 1–17.

8vo. *Pesth*, 1868–75.

Értesítő, a matematikai és természettudományi osztályok közlönye.
(Intelligencer; journal of the mathematical and natural science
division.) Köt. I.–III. 8vo. *Pesth*, 1860–62.

Név- és Tárgymutato a Értesítőjének I.–VIII. évfolyamához, 1867–
1874. (Register.) 8vo. *Budapesth*, 1875.

Évkönyvei. (Annals.) Köt. X., 4, 9, 14; XIII., 1–5; XIV., 4, 5,
7, 8; XV., 2, 4. 4to. *Pesth*, 1869–77.

Pesth. Magyar Tudományos Akadémiai. (*Academia scientiarum Hungarica.*)

Hazai és Külföldi folyóiratok magyar tudományos repertórium. (Hungarian scientific repertory of home and foreign journals.)

II. oszt.: természettudomány és matematika (natural science and mathematics), 1778–1874. 8vo. *Pesth*, 1876.

Mathematikai s természettudományi Közlemények vonatkozólag a hazai viszonyokra. (Mathematical and natural science communications relating to home topics.) Köt. II., V., and VII.–XIII. 1863, 1867, and 1872–1875. 8vo. *Pesth*, 1863–77.

See also EGGENBERGER (Ferdinánd).

Philadelphia. Academy of Natural Sciences.

Circular. 12mo. *Philadelphia*, no date.

Journal. Ser. 1, Vol. I. part 1, and Vol. VII. part 1 (Tracts), 8vo, 1817–1834 Ser. 2, Vols. I. etc., 1847 etc., 4to, 1847 etc.

Philadelphia, 1817 etc.

Proceedings. 1841 etc. 8vo. *Philadelphia*, 1843 etc.

Reports of the Transactions, 1824–1828 (for 1827 in duplicate). (Tracts.) 8vo. *Philadelphia*, 1825–29.

Notice. 2nd edition. (Tract.) 8vo. *Philadelphia*, 1831.

——. 3rd edition. (Tract.) 8vo. *Philadelphia*, 1836.

Its Origin and Progress. See RUSCHENBERGER (W. S. W.).

Philadelphia. Academy of Natural Sciences. Conchological Section.

American Journal of Conchology. Vols. V.–VII.

8vo. *Philadelphia*, 1870–72.

Philadelphia. American Philosophical Society.

Proceedings. Vols. I. etc. (imperfect).

8vo. *Philadelphia*, 1840 etc.

Transactions. Ser. 1, Vols. I.–VI., 1789–1804. Ser. 2, Vols. I. etc. (imperfect). 8vo. *Philadelphia*, 1818 etc.

Historical and Literary Committee.

Transactions. See DU PONCEAU (Peter S.).

Laws and Regulations . . . together with the Charter of the Society and a list of its Members. (Tract.)

8vo. *Philadelphia*, 1860.

List of Members. (Tract.)

8vo. *Philadelphia*, 1865.

See LIBRARIES, CATALOGUES OF.

Philadelphia. Emporium of Arts and Sciences. Conducted by John Redman Coxe. Vols. I. & II. 8vo. *Philadelphia*, 1812.

Philadelphia. Franklin Institute of the State of Pennsylvania.

Journal. Ser. 3. Vols. XXVII.–XXXIV. (Vols. LVII.–LXIV. of whole series.) 8vo. *Philadelphia*, 1854–57.

Philadelphia. Geological Society of Pennsylvania.

Transactions. Vol. I. 8vo. *Philadelphia*, 1834–35.

Philadelphia. Maclurian Lyceum.

Contributions to the Arts and Sciences. Vol. I. Nos. 1 and 2. (Tracts.) 8vo. *Philadelphia*, 1827.

Philadelphia. Monthly American Journal of Geology and Natural Science. Vol. I. (Nos. 1 and 2 in duplicate; no title.)

8vo. *Philadelphia*, 1831–32.

Philadelphia. Zoological Society.

Annual Reports, 2 & 3.

8vo. *Philadelphia*, 1874-75.**Pisa.** Società Toscana di Scienze naturali.

Atti. Vols. I. etc.

8vo. *Pisa*, 1875 etc.

Processi verbali. 1878.

8vo. *Pisa*, 1878.**Plymouth.** Devonshire Association for the advancement of Science,
Literature and Art.

Transactions. Vols. I. etc. 1862 etc.

8vo. *London and Plymouth*, 1863 etc.**Plymouth.** Plymouth Institution [*afterwards*] and Devon and Cornwall
Natural-History Society.

Transactions. Vol. I.

8vo. *Plymouth*, 1830.

Transactions. (New Series.) 1860 etc.

8vo. *Plymouth*, 1861 etc.

Summary of the Proceedings. (Tract.)

8vo. *Plymouth*, 1833.**Portland (U. S.).** Society of Natural History.

Proceedings. Vol. I.

8vo. *Portland*, 1862.**Port of Spain.** Scientific Association of Trinidad.

Proceedings. Parts 2 [1867] and 11 [1877].

8vo. *Port of Spain and London*, 1867-77.

Rules, etc. (Tract.)

8vo. *Trinidad*, 1864.**Prague.** Gesellschaft des vaterländischen Museums in Böhmen.

Verhandlungen in der . . . allgemeinen Versammlung 10. April 1833.

8vo. *Prague*, 1833.**Presburg.** Verein für Naturkunde.

Correspondenzblatt. Jahrg. I. u. II.

8vo. *Presburg*, 1862-65.

Verhandlungen und Sitzungsberichte. Band IV. u. V.

8vo. *Presburg*, 1859-61.**Princeton, N. J.** Museum of Geology and Archæology.Contributions. No. 1. Palæontological Report of the Princeton
Scientific Expedition of 1877, by H. F. Osborn, W. B. Scott,
F. Speir, jun. (Tract.)8vo. *Princeton (imp. New York)*, 1878.**Puy.** Société d'Agriculture, Sciences, Arts et Commerce.

Annales pour 1826-1850, 1853 et 1857 etc.

8vo. *Le Puy*, 1826 etc.

Extraits des Annales. Tom. XIV. (Tract.)

8vo. *Le Puy*, 1849.**Rio de Janeiro.** Museu Nacional.

Archivos. Vol. I. Trim. 1-3.

4to. *Rio de Janeiro*, 1876.**Rome.** Accademia (reale) dei Lincei.Atti. Ser. 3. Memorie della classe di Scienze matematiche e
naturali. Vols. I. etc.4to. *Rome*, 1877 etc.

Atti. Ser. 3. Transunti. Vols. I. etc.

4to. *Rome*, 1877 etc.**Rugby.** School Natural-History Society.

Reports for the years 1867 etc.

8vo. *Rugby*, 1868 etc.**Quebec.** Literary and Historical Society.

Transactions. Vols. I.-III.

8vo. *Quebec*, 1829-37.**St. Louis.** Academy of Science.

Transactions. Vols. I.-III.

8vo. *St. Louis*, 1860-75.**Saint Paul.** Minnesota Historical Society.

Annual Reports to the Legislature, 1868-1869. (Tracts.)

8vo. *St. Paul*, 1869-70.

- St. Petersburg.** Académie Impériale des Sciences.
 Bulletin. Vols. I.—XXIV. 4to. *St. Petersburg and Leipzig*, 1860 etc.
 Bulletin de la Classe physico-mathématique. Vols. I.—VII. and X.—XV. *St. Petersburg and Leipzig*, 1845–57.
 Comptes Rendus, 1852. 8vo. *St. Petersburg*, 1853.
 Mémoires. Sér. 6, Tom. I.—X. (Tom. V. livr. 1, 2, 5 & 6 in duplicate), 1831–1857. Sér. 7, Tom. I. etc., 1859 etc. 4to. *St. Petersburg*, 1831 etc.
 Tableau général méthodique et alphabétique des matières contenues dans les Publications. 1^{re} partie. Publications en langues étrangères. 8vo. *St. Petersburg*, 1872.
 Nouveau Règlement, etc. (Tract.) 8vo. *St. Petersburg*, 1803.
- St. Petersburg.** Annuaire du Journal des Mines de Russie.
 Band I.—IX., 1835–1842, et Introduction. 8vo. *St. Petersburg*, 1840–45.
- St. Petersburg.** Russisch-kaiserliche mineralogische Gesellschaft [*otherwise* Gesellschaft für die gesammte Mineralogie].
 Verhandlungen. Jahrgg. 1842–1844, 1847, 1855–1858, and 1862–1863. 8vo. *St. Petersburg*, 1842–64.
- Salem, Mass.** Essex Institute.
 American Naturalist. See Peabody Academy of Science.
 Bulletin. Vols. I. & II. 8vo. *Salem*, 1869–71.
 Proceedings. Vols. IV.—VI. (Vol. IV. imperfect.) 8vo. *Salem*, 1864–71.
 Naturalist's Directory. Part I. North America and the West Indies. Edited by F. W. Putnam. 12mo. *Salem*, 1865.
- Salem, Mass.** Peabody Academy of Science.
 American Naturalist. A popular illustrated Magazine of Natural History. Vols. I. etc. 8vo. *Salem, Mass.*, 1868 etc.
 Annual Report of the Trustees. 1 and 6. 8vo. *Salem, Mass.*, 1869–74.
 Memoirs. Vol. I. Nos. 2–4. 4to. *Salem, Mass.*, 1871–75.
- Salzburg.** Jahrbücher der Berg- und Hüttenkunde. Herausgegeben von Karl Erenbert von Moll. Band IV. Lief. 1. 8vo. *Salzburg*, 1799.
- San Francisco.** California Academy of [Natural] Sciences.
 Memoirs. Vol. I. parts 1 and 2. 4to. *San Francisco*, 1868.
 Proceedings. Vol. III. parts 1–4, Vol. IV. (part 1 in duplicate), Vol. V. parts 1 and 3, and Vols. VI. etc. 8vo. *San Francisco*, 1863 etc.
- Scarborough.** Scarborough Philosophical and Archæological Society.
 Reports, I.—XIII. and XV. 8vo. *Scarborough*, 1830–45.
- Serampore.** Agricultural and Horticultural Society of India. See CALCUTTA.
- Shanghai.** North-China Branch of the Royal Asiatic Society.
 Catalogue of the Library. By Henry Cordier. 8vo. *Shanghai*, 1872.
 Journal. Nos. 1 etc. 8vo. *Shanghai*, 1865 etc.
 Report of the Council, 1864. (Tract.) 8vo. *Shanghai*, 1865.

- Sheffield.** Sheffield Literary and Philosophical Society.
Annual Reports, 28, 29, and 32. 8vo. *Sheffield*, 1831–55.
- Sherborne.** Dorset Natural-History and Antiquarian Field-Club.
Proceedings. Vols. I. etc. 8vo. *Sherborne*, 1877 etc.
- Singapore.** Journal of the Indian Archipelago and Eastern Asia. Ser. 1,
Vols. I.–IX., 1847–1855. Ser. 2, Vols. I. & II., 1856–1857.
8vo. *Singapore*, 1847–57.
- Southport.** Literary and Philosophical Society.
Laws. 8vo. *Southport*.
- Stafford.** North-Staffordshire Naturalists' Field-Club.
Annual addresses, papers, etc. Vol. I. 8vo. *Hanley*, 1875.
- Stockholm.** Kongliga Svenska Vetenskaps-Akademien.
Handlingar. Ser. 3: 1823, 1832, 1847–1854. Ser. 4, Band. I. etc.:
1855 etc. 8vo. *Stockholm*, 1824 etc.
——. Bihang. Band I. etc. 8vo. *Stockholm*, 1872 etc.
Ledamöter. (Tract.) 8vo. *Stockholm*, 1863.
Lefnadsteckningar öfver . . . efter år 1854 afladna Ledamöter.
Band. I. 8vo. *Stockholm*, 1865–73.
Öfversigt af . . . Förhandlingar. 1844 etc. 8vo. *Stockholm*, 1845 etc.
Årsberättelse (*afterwards* Berättelse) om botaniska arbeten och
upptäckter, 1845–1849 and 1851–1854. 8vo. *Stockholm*, 1854–56.
——. Bihang, 1845–1848 and 1849. 8vo. *Stockholm*, 1854–52.
Årsberättelse (*afterwards* Berättelse) om framstegen i Insekternas,
Myriapodernas och Arachnidernas naturalhistoria. 1849–1856.
8vo. *Stockholm*, 1852–59.
Årsberättelse om framstegen i kemi, 1849. 8vo. *Stockholm*, 1851.
Årsberättelse om technologiens framsteg, 1847–1849. 8vo. *Stockholm*, 1851–52.
Berättelse om framstegen i fysik, 1850. 8vo. *Stockholm*, 1852.
Berättelse om framstegen i Molluskernas, Crustaceernas, och de lägre
skelettlösa djurens naturalhistorias, 1845–1849. 8vo. *Stockholm*, 1852.
Berättelse om framstegen i vertebrerade djurens naturalhistoria och
ethnografia, 1845–1850. 8vo. *Stockholm*, 1853.
Eugenies Resa. See 'EUGENIES' EXPEDITION.
- Strasburg.** Société [du Muséum] d'Histoire naturelle (*or afterwards*) des
Sciences naturelles.
Bulletin. Ann. I. et II. (imperfect). 8vo. *Strasburg*, 1868–69.
Mémoires. Tom. III.–VI. 4to. *Strasburg*, 1840–70.
* * This Society was afterwards carried on under the title of the
"Société des Sciences naturelles de Nancy."
- Stuttgart.** [Astronomische] Jahrbuch. Herausgegeben von H. C.
Schumacher. Jahrg. 1837. 8vo. *Stuttgart and Tübingen*, 1837.
- Stuttgart.** Museum des königlich-bayerischen Staates.
Paläontologische Mittheilungen; begonnen von A. Oppel, fortgesetzt
(herausgegeben) von K. A. Zittel. Band II., Abtheil. 1 & 2.
8vo; Atlas, fol. *Stuttgart and Cassel*, 1868–70.

- Stuttgart.** Jahrbuch für Mineralogie, etc. See **HEIDELBERG**.
- Stuttgart.** Verein für vaterländische Naturkunde in Württemberg.
 Jahreshafte. Jahrg. I. etc. 8vo. *Stuttgart*, 1845 etc.
 * * Heft III., Jahrg. XXXIII. Festschrift zur Feier des vier-
 hundertjährigen Jubiläums der Eberhard-Karls-Universität zu
 Tübingen. *Aëtosaurus ferratus*, Fr., die gepanzerte Vogel-Echse
 aus dem Stubensandstein bei Stuttgart, von O. Fraas.
 4to. *Stuttgart*, 1877.
- Swansea.** South-Wales Institute of Engineers.
 Proceedings. Vol. I. etc. 8vo. *London*, 1859 etc.
- Switzerland.** Allgemeine schweizerische Gesellschaft für die gesammten
 Naturwissenschaften. (Société Helvétique des Sciences natu-
 relles.)
 Actes. Session 22. (Tract.) 8vo. *Neufchatel*, 1837.
 Denkschriften. Band I. Abth. 1 und 2. 2 vols. 4to. *Zurich*, 1829.
 Neue Denkschriften. Band II. und IV. (imperfect).
 4to. *Neufchatel*, 1838-40.
 Statuten und Reglemente. (Tract.) 8vo. *Winterthur*, 1847.
 Statuts. (Tract.) 4to. *Lausanne*, 1818.
 See also **CHAVANNES** (D. A.).
 Protokoll der geologisch-mineralogischen Sektion an der Versamm-
 lung 1868. 8vo. *Einsiedeln*, 1868.
- Sydney.** Linnean Society of New South Wales.
 Proceedings. Vol. I. part 4; Vol. III. parts 1-3.
 8vo. *Sydney*, 1877-79.
- Sydney.** Philosophical Society of New South Wales.
 Transactions. 1862-1865. [No titlepage.] 8vo. *Sydney*.
- Sydney.** Royal Society of New South Wales.
 Transactions and Proceedings. Vols. I., VI. (1872), VIII. (1874),
 and IX. etc. 8vo. *Sydney*, 1868 etc.
- Sydney.** Sydney University Calendar. 1852. 8vo. *Sydney*, 1853.
- Taunton.** Somersetshire Archæological and Natural-History Society.
 Proceedings. Vol. VII. 8vo. *Taunton*, 1858.
- Taunton.** Taunton School of Art.
 Somerset Notes and Queries; also Journal of the T. S. A. No. 1.
 (Tract.) 8vo. *London* and *Taunton*, 1856.
- Teignmouth.** Teign Naturalists' Field-Club.
 Reports of the Proceedings for the years 1859-1877.
 8vo. *Exeter*, etc., 1860-78.
- Toronto.** Canadian Institute.
 Canadian Journal; a repertory of industry, science, and art, and a
 record of the Proceedings of the C. I. Edited by Henry Yule
 Hind. Vols. I.-III. 4to. *Toronto*, 1853-55.
 Canadian Journal of Industry, Science and Art [afterwards of Science,
 Literature, and History]. Conducted by the Editing Committee of
 the C. I. Vols. I.-XV. 8vo. *Toronto*, 1856-78.
 Proceedings [a new series of the Canadian Journal]. Vols. I. etc.
 8vo. *Toronto*, 1879 etc.
- Toulouse.** Société d'Histoire naturelle.
 Bulletin. Tom. (Ann.) IX. 8vo. *Paris*, 1874-75.

- Tromsö.** Tromsö Museums Aarshefter I. etc. 8vo. 1878 etc.
- Truro.** Mineralogical Society of Great Britain and Ireland.
Mineralogical Magazine and Journal. Vols. I. etc.
8vo. *Truro*, 1877 etc.
- Truro.** Miners' Association of Cornwall and Devonshire.
[Reports of] the Annual Meetings, 1866, 1867, 1869, 1871. (Tracts.)
8vo. *Truro* and *Falmouth*, 1866-71.
Reports and Proceedings, 1872, 1873, and 1874, and part of 1875.
(Tracts.) 8vo. *Truro* and *Falmouth*, 1873-75.
- Truro.** Royal Institution of Cornwall.
Annual Reports XXXIII.-XLI. (Imperfect.)
8vo. *Truro*, 1842-60.
- Tübingen.** Naturwissenschaftliche Abhandlungen einer Gesellschaft in
Württemberg. Band I. Heft 1. 8vo. *Tübingen*, 1826.
- Turin.** Accademia (reale) delle Scienze.
Annuario per l'anno 1877-78. Anno I. 8vo. *Turin*, 1877.
Atti. Vols. I. etc. 8vo. *Turin*, 1866 etc.
Bollettino astronomico e meteorologico dell' Università, 1868-1875.
1 vol. 4to. *Turin*, 1868-75.
Memorie. Ser. 2, Tom. I. etc. 4to. *Turin*, 1839 etc.
Notizia storica dei lavori fatti dalla classe di scienze fisiche e mathe-
matiche negli anni 1864 e 1865, scritti dal Ascanio Sobrero.
8vo. *Turin*, 1869.
Sunti dei lavori scientifici letti e discussi nella classe di scienze
moralì, storiche e filologiche dal 1859 al 1865, scritti da Gaspare
Gorresio. 8vo. *Turin*, 1868.
- Turin.** Osservatorio della Regia Università. Bollettino. Anni IX.-
XII. (1874-1877). 4to. *Turin*, 1875-78.
- United States.** American Association for the advancement of Science.
Memoirs. I. 4to. *Salem, Mass.*, 1875.
Proceedings. Meetings 1, 2, 4, 6, and 17.
8vo. *Philadelphia, etc.*, 1849-69.
- United States.** American Institute of Mining Engineers.
Transactions. Vols. I. etc. 8vo. *Easton, Pa.*, 1875 etc.
- United States.** Association of American Geologists and Naturalists.
Abstract of the Proceedings. VI. 1845. (Tract.)
8vo. *New Haven*, 1845.
Proceedings of the third Annual Meeting. (Tract.)
8vo. *New York*, 1842.
Reports of the Meetings, embracing its Proceedings and Transac-
tions. I.-III. 1840-1842. 8vo. *Boston*, 1843.
See SILLIMAN (B.).
- Upsala.** Regiæ Societatis Scientiarum Upsaliensis.
Nova Acta. Ser. 2, Vol. VIII. 4to. *Upsala*, 1821.
- Verona.** Società Italiana delle Scienze [residente in Modena].
Memorie di Matematica e di Fisica. Tom. XX.-XXV., 1831-1855.
Ser. 2, Tom. I., 1862. Ser. 3, Tom. I. etc., 1867 etc.
4to. *Verona, Florence, etc.*, 1834 etc.
- Vienna.** Akademrie (kaiserliche) der Wissenschaften.
Almanach, 1855-1859. 8vo. *Vienna*, 1854-58.

Vienna. Akademie (kaiserliche) der Wissenschaften.Anzeiger [*afterwards* Sitzungsanzeiger]. Jahrg. I. etc.8vo. *Vienna*, 1864 etc.

Sitzungsberichte. Mathematisch - naturwissenschaftliche Classe.

Band I. etc.

8vo. *Vienna*, 1848 etc.

Denkschriften. Mathematisch-naturwissenschaftliche Classe. Band I.

etc.

4to. *Vienna*, 1850 etc.

Feierliche Sitzung, am 31. Mai 1861.

8vo. *Vienna*, 1861.

Festrede bei der feierlichen Uebernahme des ehemaligen Universitätsgebäudes . . . gehalten am 29. October 1857, vom Vicepräsidenten derselben T. G. von Karajan.

4to. *Vienna*, 1857.

Jahrbücher der k.-k. Central-Anstalt für Meteorologie und Erdmagnetismus. Band I.-VIII.

4to. *Vienna*, 1854-1861.

Verzeichniss der im Buchhandel befindlichen Druckschriften. Ende Mai 1852. (Tract.)

8vo. *Vienna*, 1852.**Vienna.** Bergakademien (kais.-königl.) zu Leoben und Příbram und der königlich ungarischen Bergakademie zu Schemnitz.

Berg- und hüttenmännisches Jahrbuch. Band XXII. Heft 1, 3-4, Band XXIII., Band XXIV. Heft 1-2.

8vo. *Vienna*, 1874-76.**Vienna.** Berichte über die Mittheilungen von Freunden der Naturwissenschaften in Wien. Gesammelt und herausgegeben von W. Haidinger. Band I. u. VII. 1846-1850.8vo. *Vienna*, 1847-51.**Vienna.** Geologische Reichsanstalt. See SURVEYS, AUSTRIA.**Vienna.** Naturwissenschaftliche Abhandlungen . . . herausgegeben von W. Haidinger. 4 vols.4to. *Vienna*, 1847-51.**Vienna.** Mineralogische und petrographische Mittheilungen herausgegeben von G. Tschermak. Neue Folge. Band I. etc.8vo. *Vienna*, 1878 etc.**Vienna.** Wiener Museums der Naturgeschichte.

Annalen. Vols. I. u. II.

4to. *Vienna*, 1835-40.**Vienna.** Ungarische Revue, 1869. Unter Mitwirkung mehrerer Fachmänner redigirt von Dr. Mausvet Reidl. 1 vol.8vo. *Leipzig* and *Vienna*, 1869.**Vienna.** Ungarische (königl.) Berg- und Forst-Akademie.

Gedenkbuch zur hundertjährigen Gründung, 1770-1870.

8vo. *Schemnitz*, 1871.**Vienna.** Zoologisch-botanische (k. k.) Gesellschaft [Verein].

Verhandlungen. Band XIII. etc.

8vo. *Vienna*, 1863 etc.

—, Beilage, 1866-1868.

8vo. *Vienna*, 1866-68.**Warwick.** Warwickshire Natural-History and Archæological Society.

Annual Reports, 1856-1858, 1862, 1866, 1867, and 1869 etc.

8vo. *Warwick*, 1857 etc.**Warwick.** Warwickshire Naturalists' and Archæologists' Field Club.

Proceedings, 1859 etc.

8vo. *Warwick*, 1859 etc.**Washington.** National Academy of Sciences.

Report of the Proceedings. 1866.

8vo. *Washington*, 1867.

- Washington.** National Institution for the Promotion of Science.
Bulletin of the Proceedings. Vol. I. Nos. 1-3. (Tracts.)
8vo. *Washington*, 1841-46.
Constitution and Bye-Laws. (Tract.) 8vo. *Washington*, 1840.
See also POINSETT (Joel R.).
- Washington.** Smithsonian Institution.
Directions for Collecting, Preserving, and Transporting Specimens
of Natural History. 2nd edition. 8vo. *Washington*, 1854.
List of Foreign Correspondents. (Tract.) 8vo. *Washington*, 1856.
— (Tract.) 8vo. *Washington*, 1860.
Smithsonian Contributions to Knowledge. Vols. I. etc.
4to. *Washington*, 1858, etc.
Smithsonian Miscellaneous Collections. Vols. I. etc.
8vo. *Washington*, 1862 etc.
On the Construction of Catalogues of Libraries. See JEWETT
(Charles C.).
Portraits of North-American Indians, with sketches of Scenery, &c.,
painted by J. M. Stanley. (Tract.) 8vo. *Washington*, 1852.
Registry of Periodical Phenomena (Form for the). (Tract.)
Fcap. fol. *Washington*.
Reports, 1847 etc. 8vo. *Washington*, 1847 etc.
See MEEK (F. B.).
- Watford.** Watford Natural-History Society and Hertfordshire Field-
Club. Transactions. Vols. I. etc.
8vo. *Watford, Hertford, and London*, 1875 etc.
- Weimar.** Deutschland geognostisch-geologisch dargestellt, von Ch. Kefer-
stein. Band I.-VII. (slightly imperfect; Band I.-V. are in dupli-
cate; Band IV. Heft 1 in triplicate). 8vo. *Weimar*, 1821-32.
- Wellington.** Severn-Valley Naturalists' Field-Club.
Transactions, 1865-1870. 8vo. *Wellington*, 1873.
- Wellington College.** Wellington College Natural-History Society.
Annual Reports, 1868 etc.
8vo. *London and Wellington College*, 1869 etc.
- Wellington, N. Z.** New-Zealand Institute.
Transactions and Proceedings. Vols. I. etc., and Index to Vols.
I.-VIII. 8vo. *Wellington*, 1869 etc.
- Whitby.** Whitby Literary and Philosophical Society.
Report (XV.), 1837. (Tract.) 8vo. *Whitby*, 1837.
- Wiesbaden.** Verein für Naturkunde im Herzogthum Nassau.
Geschichte der . . . und des naturhistorischen Museums zu Wies-
baden, von C. Thomä. (Tract.) 8vo. *Wiesbaden*, 1842.
Jahrbücher. Heft I. etc. 8vo. *Wiesbaden*, 1844 etc.
Statuten. (Tract.) 8vo. *Wiesbaden*, 1849.
- Winchester.** Winchester and Hampshire Scientific and Literary Society.
Annual Reports, 1870 and 1870-71. 8vo. *Winchester*, 1870-71.
Journal of Proceedings. Vol. I. parts 2-4; Vol. II. parts 2, 3;
and Vol. III. part 1. 1871-1878.
8vo. *Winchester*, 1873-78.
- Winchester.** Winchester College Natural-History Society.
Reports, Nos. 1-4. 8vo. *Winchester*, 1871-77.

- Wolverhampton.** South Midland Institute of Mining, Civil, and Mechanical Engineers.
Transactions. Vol. I. 1869. 8vo. *Wolverhampton*, 1870.
- Worcester.** Analyst, a [Monthly, afterwards] Quarterly Journal of Science, Literature (Natural History), and the Fine Arts. No. 7 and Vol. VIII. 8vo. *Worcester and London*, 1835–38.
- Worcester.** Malvern Naturalists' Field-Club.
Transactions. Part I. 8vo. *Worcester*, 1855.
- Worcester.** Worcestershire Natural-History Society.
Addresses of the Council, 1837 and 1839, delivered by H. E. Strickland and Rev. J. Pearson. (Tract.) 8vo. *Worcester*, 1837–39.
Proceedings at the Anniversaries II.–VII. 8vo. *Worcester*, 1835–40.
- Würzburg.** Physikalisch-medicinische Gesellschaft.
Würzburger naturwissenschaftliche Zeitschrift. Band II.–V. 8vo. *Würzburg*, 1861–64.
- Yokohama.** Deutsche Gesellschaft für Natur- und Völkerkunde Ostasiens.
Mittheilungen. Heft 1–6. 4to. *Yokohama*, 1873–74.
- York.** Yorkshire Philosophical Society.
Annual Reports for 1825–1834 and 1877. 8vo. *York*, 1826–78.
Proceedings, 1847–1854. 8vo. *York*, 1855.
Communications to the Monthly Meetings, 1876. 8vo. *York*, 1877.
Laws and Regulations. (Tract.) 8vo. *York*, 1826.
Objects of the Society, instituted 1822. 8vo. *York*, 1825.
- York.** Natural-History Journal. [Conducted by the Societies in Friends' Schools.] Vol. I. 8vo. *York*, 1878.
- York.** Yorkshire Naturalists' Club.
Proceedings, 1869. 12mo. *York*, 1870.
- Zürich.** Naturforschende Gesellschaft.
Mittheilungen. Heft I. u. II. 8vo. *Zürich*, 1847–48.
Verhandlungen. 48. Versammlung Jahresbericht 1864. 8vo. *Zürich*, 1865.
Denkschrift zur Feier des Hundertjährigen Stiftungsfestes, am 30. November 1846. (Tract.) 4to. *Zürich*, 1846.
- Zürich.** Schweizerische paläontologische Gesellschaft. (Société paléontologique Suisse.)
Abhandlungen. (Mémoires.) Vols. I. etc. 4to. *Zürich, Basle, and Geneva*, 1875 etc.
- Bachmann (J.). Beschreibung eines Unterkiefers von *Dinotherium bavaricum*, H. v. Meyer, aus dem Berner Jura. 1875.
- . Fossile Eier aus der obern Süsswassermolasse der Umgebung von Luzern. 1878.
- Biedermann (W. G. A.). *Mastodon angustidens*, Cuv. 1876.
- Favre (E.). Description des fossiles du terrain jurassique de la Montagne des Voirons (Savoie). 1875.
- . Description des fossiles du terrain oxfordien des Alpes fribourgeoises. 1876.
- . La zone à *Ammonites acanthicus* dans les Alpes de la Suisse et de la Savoie. 1877.
- . Fossiles des couches tithoniques des Alpes fribourgeoises. 1879.
- Heer (O.). Ueber fossile Pflanzen von Sumatra. 1875.

Zürich. Schweizerische paläontologische Gesellschaft. (Société paléontologique Suisse).

Abhandlungen. (Mémoires.) Vols. I. etc.

Loriol (P. de). (Echinologie helvétique, 3^{me} partie.) Echinides de la période tertiaire. 1875-76.

——. Monographie paléontologique des couches de la zone à *Ammonites tenuilobatus* (Badener Schichten) de Baden (Argovie). 1876-78.

——. Monographie des Crinoïdes fossiles de la Suisse. 1877-79.

Major (C. J. F.). Beiträge zur Geschichte der fossilen Pferde, insbesondere Italiens. 1877.

Moesch (C.). Monographie der Pholadomyen. 1875.

Rothpletz, A. Die Steinkohlenformation und deren Flora an der Ostseite des Töde. 1879.

Rüttimeyer (L.). Weitere Beiträge zur Beurtheilung der Pferde der Quaternär-Epoche. 1875.

——. Die Rinder der Tertiär-Epoche nebst Vorstudien zu einer natürlichen Geschichte der Antilopen. 1877-78.

Wiedersheim (R.). *Labyrinthodon Rüttimeyeri*. Ein Beitrag zur Anatomie vom Gesamtskelet und Gehirn der triassischen Labyrinthodonten. 1878.

——. Ueber einen neuen *Saurus* aus der Trias. 1879.

Serres (Pierre Marcel Toussaint de). Obituary Notice. See GERVAIS (P.).

——. Mémoire sur divers débris de Mastodontes à dents étroites, ou Mastodontes de Simorre, découverts récemment dans plusieurs localités de la France, et particulièrement dans les environs de Montpellier. (Tract.) 8vo. Paris, 1825.

——. Notice sur les cavernes à ossements fossiles des carrières du Calcaire Grossier situées aux environs de Lunel-Viel, département de l'Hérault. (Tract.) 8vo. Paris, 1826.

——. Note sur les vulcans éteints du midi de la France, dont les éruptions ont été postérieures au dépôt du deuxième terrain d'eau douce de MM. Cuvier et Brongniart. (Tract.) 8vo. Paris, 1827.

——. Observations générales sur la constitution géognostique du département de l'Hérault. (Tract.) 8vo. Caen, 1827.

——. Sur une nouvelle espèce d'*Halotis* fossile. (Tract.) 8vo. Caen, 1827.

——. Géognosie des terrains tertiaires, ou Tableau des principaux animaux invertébrés des terrains marins tertiaires du midi de la France. 8vo. Paris and Montpellier, 1829.

——. De la simultanéité des terrains de sédiment supérieur. (Tract.) 2 copies. 4to. Paris, 1830.

——. Notice sur les puits artésiens. (Tract.) 8vo. Montpellier, 1830.

——. Des causes de la plus grande taille des espèces fossiles et humatiles comparées aux espèces vivantes. (Tract.) 8vo. Paris, 1833.

——. Mémoire sur la question de savoir si des animaux terrestres ont cessé d'exister depuis l'apparition de l'homme, etc. (Tract.) 2 copies. 8vo. Geneva, 1833.

——. Observations sur la Licorne des anciens. (Tract.) 8vo. Geneva, 1833.

——. Discours sur la méthode suivie actuellement dans l'étude des sciences. (Tract.) 8vo. Montpellier, 1834.

- Serres** (Pierre Marcel Toussaint de). *Observations sur les Rhinocéros fossiles et humatiles.* (Tract.) 8vo. *Paris*, 1834.
- . *Discours sur les différences des dates données par les monumens et les traditions historiques, et celles qui résultent des faits géologiques.* (Tract.) 8vo. *Toulouse*, 1835.
- . *Essai sur la question de savoir si l'observation faite dans les mines de houille du Canada et de la baie de Baffin, de plantes analogues à celles qui vivent maintenant dans les régions équatoriales, annoncent un changement dans l'inclinaison de l'écliptique.* (Tract.) 2 copies. 8vo. *Geneva*, 1835.
- . *Les animaux et les végétaux dont on ne retrouve plus les analogues à la surface de la terre, peuvent-ils être considérés comme les souches des races actuelles?* (Tract.) 8vo. *Toulouse*, 1835.
- . *Observations sur les grandes espèces d'ours des cavernes.* (Tract.) 8vo. *Geneva*, 1835.
- . *Essai sur les cavernes à ossemens et sur les causes qui les y ont accumulés.* (Tract.) 8vo. *Montpellier*, 1836.
- . *Des animaux fossiles de la couche supérieure des terrains tertiaires marins des environs de Montpellier.* (Tract.) 8vo. *Lyons*, 1838.
- . *De quelques Mollusques nouveaux des terrains infra-jurassiques et de la craie compacte inférieure du midi de la France.* (Tract.) 8vo. *Bordeaux*, 1842.
- . *Notice géologique sur le département de l'Aveyron.* (Tract.) 8vo. *Lyons*, 1842.
- . *Des particularités des terrains tertiaires des bassins océaniques et méditerranéens.* (Tract.) 4to. *Montpellier*, 1856.
- , **Dubreuil** (—), and **Jeanjean** (B.). *Recherches sur les ossemens humatiles des cavernes de Lunel-Viel.* 8vo. *Montpellier*, 1839.
- Sesler** (Leonard). See **DONATI** (Vitaliano).
- Seue** (C. de). *Le névé de Justedal et ses glaciers.* (Tract.) 4to. *Christiania*, 1870.
- Seuger** (Wilhelm von). *Versuch einer Oryctographie der gefürsteten Grafschaft Tyrol.* (Tract.) 8vo. *Innsbruck*, 1821.
- Severgin** (B. M.). See **MUSEUMS**. *St. Petersburg*.
- Sewell** (H. D.). *Travertine or Calcareous Tufa.* (Tract.) 8vo. *Quebec*, 1837.
- Sexe** (S. A.). *Om Smeebræen folgefön.* (Tract.) 8vo. *Christiania*, 1864.
- . *Mærker efter en istid i omegnen af Hardangerfjorden.* (Tract.) 4to. *Christiania*, 1866.
- . *Boiumbræen i Juli 1868.* (Tract.) 4to. *Christiania*, 1869.
- . *Le glacier de Boium en juillet 1868.* (Tract.) 2 copies. 4to. *Christiania*, 1869.
- . *On the rise of Land in Scandinavia.* (Tract.) 4to. *Christiania*, 1872.
- . *Jættegryder og gamle strandlinier i fast klippe. (On Giants' Caldrons.)* (Tract.) 4to. *Christiania*, 1874.
- Seymour** (Lord Webb). *An account of observations made by Lord Webb Seymour and Professor Playfair upon some geological appearances in Glen Tilt and the adjacent country.* (Tract.) 8vo. *Edinburgh*, 1814.

Seymour (William N.). See MADISON DIRECTORY.

Shaler (N. S.). List of the Brachiopoda from the Island of Anticosti, sent by the Museum of Comparative Zoology to different Institutions in exchange for other Specimens, with Annotations. (Tract.)

8vo. Cambridge, Mass., 1865.

Sharp (Samuel). Rudiments of Geology. 8vo. London, 1875.

———. 2nd edition. 8vo. London, 1876.

Sharpe (Daniel). Description of a new species of *Ichthyosaurus*. (Tract.)

8vo. London, 1830.

———. On the Strata in the immediate neighbourhood of Lisbon and Oporto. (Tract.) 8vo. London, 1832.

———. On the Geology of the neighbourhood of Lisbon. (Tract.)

8vo. London, 1839.

———. On the Bala Limestone. (Tract.) 8vo. London, 1842.

———. Sketch of the Geology of the south of Westmoreland. (Tract.)

8vo. London, 1842.

———. On the Silurian Rocks of the South of Westmoreland and North Lancashire. (Tract.) 8vo. London, 1843.

———. Contributions to the Geology of North Wales. (Tract.) 2 copies.

8vo. London, 1846.

———. On Slaty Cleavage. (Tracts.) 8vo. London, 1847–49.

———. On *Trematis*, a new genus belonging to the Family of Brachiopodous Mollusca. (Tract.) 8vo. London, 1847.

———. On the Fossil Remains of Mollusca from the Palæozoic Formations of the United States. (Tract.) 8vo. London, 1848.

———. On the Geology of the neighbourhood of Oporto, including the Silurian Coal and Slates of Vallonge. (Tract.) 8vo. London, 1849.

———. Three papers on the Secondary Rocks and Fossils of Portugal. (Tract.) 8vo. London, 1849–50.

———. On the Secondary District of Portugal which lies on the north of the Tagus. (Tract.) 8vo. London, 1850.

———. On the arrangement of the Foliation and Cleavage of the Rocks of the North of Scotland. (Tract.) 4to. London, 1852.

———. On the "Quartz Rock" of MacCulloch's Map of Scotland. (Tract.) 8vo. London, 1852.

———. On the southern border of the Highlands of Scotland. (Tract.) 8vo. London, 1852.

———. Review of the Classification of the Palæozoic Formations adopted by M. Dumont for the Geological Map of Belgium, with reference to its applicability to this country. (Tract.) 8vo. London, 1852.

———. Description of the Fossil Remains of Mollusca found in the Chalk of England. [Palæontographical Society.] 4to. London, 1853–56.

———. On the Age of the Fossiliferous Sands and Gravels of Farringdon and its neighbourhood. (Tract.) 8vo. London, 1854.

———. On the structure of Mont Blanc and its environs. (Tract.) 8vo. London, 1854.

———. On the last elevation of the Alps; with notices of the heights at which the sea has left traces of its action on their sides. (Tract.)

8vo. London, 1856.

———. See AUSTIN (A. R. C. Godwin-), MORRIS (John), and RIBEIRO (Carlos).

- Sharswood** (William). Catalogue of the Minerals containing Cerium. (Tract.) 8vo. *Boston*, 1861.
- . Catalogue of the [localities of the] Mineralogical species Allanite. (Tract.) 8vo. *Boston*, 1861.
- Shearwater Expedition**. See **CARPENTER** (William Benjamin).
- Sheepshanks** (R.). A reply to Mr. Babbage's Letter to 'The Times' "On the Planet Neptune and the Royal Astronomical Society's Medal." (Tract.) 8vo. *London*, 1847.
- Sheibner** (Charles Preller). On Foyaite, an Elæolitic Syenite occurring in Portugal. (Tract.) 8vo. *London*, 1879.
- Shelford** (William). On the outfall of the River Humber. (Tract.) 8vo. *London*, 1869.
- Shepard** (Charles Upham). Treatise on Mineralogy: second part, consisting of descriptions of the species, etc. 2 vols. 8vo. *New Haven*, 1835.
- . Report on the Geological Survey of Connecticut. (Tract.) 8vo. *New Haven*, 1837.
- . Analysis of Meteoric Iron from Coke County, Tennessee, etc. (Tract.) 8vo. *Boston*, 1842.
- . On Washingtonite (a new Mineral), the discovery of Euclase in Connecticut, and additional notices of the supposed Phenakite of Goshen, and Calstron-baryte of Schoharie, N. Y. (Tract.) 8vo. *Boston*, 1842.
- . See **SURVEYS: CONNECTICUT**.
- Sheringham** (W. L.). See **ADMIRALTY PUBLICATIONS**.
- Shirreff** (R.). Plan for enlarging and improving the Harbour and Town of South and North Leith, etc. [imperfect]. (Tract.) 4to. *Edinburgh*.
- Shortland** (Edward). A short sketch of the Maori races. (Tract.) 8vo. *Dunedin, N. Z.*, 1865.
- Shortland** (P. F.). Sounding voyage of H.M.S. 'Hydra,' in 1869. 8vo. *London*, 1869.
- Shorto** (H.). On Chalk Flints. (Tract.) Fcap. fol. *Manuscript*, 1813.
- Shpelevsky** (S. M.). Древние Города. Ancient towns and Tartar Monuments in the Government of Kasan. 8vo. *Kasan*, 1877.
- Shumard** (Benjamin F.). Description of new Fossil Crinoidea from the Palæozoic Rocks of the western and southern portions of the United States. (Tract.) 8vo. *St. Louis*, 1857.
- . Notice of Fossils from the Permian Strata of Texas and New Mexico, etc. (Tract.) 8vo. *St. Louis*, 1860.
- . See **RED RIVER**; **SURVEYS, MISSOURI**; and **YANDELL** (Lunsford P.).
- and **Swallow** (G. C.). Descriptions of new Fossils from the Coal-measures of Missouri and Kansas. (Tract.) 8vo. *St. Louis, Mo.*, 1858.
- Shuter** (—). On the Island of Madeira. (Tract.) 4to. *Manuscript*.
- Shuttleworth** (R. J.). Catalogue of the Terrestrial and Fluvatile Shells of St. Thomas, West Indies. (Tract.) 8vo. *New York*, 1854.
- Siber** (Thaddäus). Biographical Notice. See **LAMONT** (Dr.).
- Sica de Gifoni** (Geronimo). Morale discorso fatto tra l'effetti cagionati dalla voragine del Vesuvio, e li motivi visti nelli Christiani. (Tract.) 8vo. *Naples*, 1632.
- Sickler** (F.). Ideen zu einem vulkanischen Erd-Globus, etc. (Tract.) 2 copies. 8vo. *Weimar*, 1812.

- Siebold** (C. Th. E. von). Ueber Parthenogenesis. (Tract.)
4to. *Munich*, 1862.
- . See **WAGNER** (J. A.).
- Siegert** (Th.). See **SURVEYS: SAXONY**.
- Siegfried** (J.). Der schweizerische Jura, seine Gesteine, seine Bergketten, Thäler und Gewässer, Klima und Vegetation. (Die Schweiz, 1^{er} Band.)
8vo. *Zurich*, 1851.
- Siemssen** (Adolph Christian). Vorläufige Nachricht von den Mineralien Mecklenburgs. (Tract.)
8vo. *Schwerin*, 1792.
- and **Ditmar** (L. P. F.). Systematische Uebersicht der mineralogisch einfachen mecklenburgischen Fossilien. [Neuer Beitrag zur lithographischen Kenntniss, etc.] (Tract.)
8vo. *Rostock and Leipzig*, 1804.
- Sigfridus** (Joannes). See **AGRICOLA** (Georg).
- Silliman** (Benjamin). Outline of the Course of Geological Lectures given in Yale College. (Tract.)
8vo. *New Haven*, 1829.
- . Consistency of the Discoveries of Modern Geology with the Sacred History of the Creation and the Deluge. (Tract.)
8vo. *New Haven*, 1833.
- . Address delivered before the Association of American Geologists and Naturalists at Boston, 1842. (Tract.)
8vo. *New York*, 1842.
- . Analysis of Meteoric Iron. (Tract.)
8vo. *New Haven*, 1844.
- . Review of a System of Mineralogy, by James D. Dana. (Tract.)
8vo. *New Haven*, 1844.
- . On the existence of the Mastodon in the deep-lying gold placers of California. (Tract.)
8vo. *New Haven*, 1868.
- Silurian System**. [From the *Edinburgh Review*.] (Tract.)
8vo. *Edinburgh*, 1841.
- Silva** (José Bonifacio de Andrada e). See **ANDRADA E SILVA** (José Bonifacio de).
- Silvertop** (Charles). On the Lacustrine Basins of Baza and Alhama, in the province of Granada in Spain. (Tract.)
8vo. *Edinburgh*, 1831.
- . A geological sketch of the Tertiary Formation in the provinces of Granada and Murcia, Spain. (Tract.) 3 copies.
8vo. *London*, 1836.
- Silvestri** (Giovanni). Memorie sopra due casi di alienazione mentale osservati nel R. stabilimento de' matti di questa città. (Tract.)
8vo. *Palermo*, 1833.
- Simms** (Frederick Walter). Practical Observations on the Asphaltic Mastic, or Cement of Seyssel, now extensively employed on the Continent, for Pavements, etc. (Tract.)
8vo. *London*, 1837.
- . A Treatise on the principles and practice of Levelling. 2nd edition.
8vo. *London*, 1843.
- . Practical Tunnelling. (Tract.)
4to. *London*, 1844.
- Simonin** (L.). Notice sur la houillère d'Epinaç, Saône-et-Loire. (Tract.)
8vo. *Paris and Liège*, 1866.
- Simpson** (J. H.). See **UNITED STATES**. Reports of the Secretary of War.
- Simpson** (Martin). A Guide to the Geology of the Yorkshire coast. 4th edition. (Tract.)
12mo. *London*, 1868.

- Sinclair** (*Sir John*). Address to the Board of Agriculture on the progress made by that institution in promoting the improvement of the country, . . . June, 1810. (Tract.) 4to. *London*, 1810.
- Sinding** (W.). Ueber die Zusammensetzung des Basaltes von Stolpen. (Tract.) 8vo. *Berlin*, 1839.
- Singer** (J. H.). Memoir of the late President [of the Royal Irish Academy, B. Lloyd]. (Tract.) 8vo. *Dublin*, 1838.
- Sinnett** (Frederick). An account of the Colony of South Australia, together with a Catalogue of all the products of South Australia, exhibited in . . . the International Exhibition [of 1862]. (Tract.) 2 copies. 8vo. *London*, 1862.
- Sinobas** (Manuel Rico y). See RICO Y SINOBAS (Manuel).
- Sinzow** (Johann). See KARRER (Felix).
- Siqueira** (J. P. Fragoso de). See FRAGOSO DE SIQUEIRA (J. P.).
- Sirr** (Henry Charles). Collection of Organic Remains. See M'COY (Frederick).
- Sismonda** (Angelo). Essai géognostique dans les deux vallées voisines de Stura et de Vinay. (Tract.) 4to. *Turin*, 1830.
- . Osservazioni geognostiche e mineralogiche intorno ad alcune valli delle Alpi del Piemonte. (Tract.) 4to. *Turin*, 1836.
- . Osservazioni geologiche e mineralogiche sopra i monti posti tra la valle di Aosta e quella di Susa in Piemonte. (Tract.) 3 copies. 4to. *Turin*, 1838.
- . Notizie intorno a due fossili trovati nei colli di San Stefano Roero. (Tract.) 4to. *Turin*, 1839.
- . Osservazioni mineralogiche e geologiche per servire alla formazione della carta geologica del Piemonte. (Tract.) 4to. *Turin*, 1840.
- . Memoria sui terreni stratificati delle Alpi. (Tract.) 4to. *Turin*, 1841.
- . Osservazioni geologiche sulle Alpi marittime e sugli Apennini liguri. (Tract.) 4to. *Turin*, 1841.
- . Osservazioni geologiche sui terreni delle formazioni terziaria e cretacea in Piemonte. (Tract.) 4to. *Turin*, 1842.
- . Notizie e schiarimenti sulla costituzione delle Alpi piemontesi. (Tract.) 4to. *Turin*, 1848.
- . Classificazione dei terreni stratificati delle Alpi tra il Monte Bianco e la contea di Nizza. (Tract.) 4to. *Turin*, 1852.
- . Lettres sur la constitution géologique de quelques parties de la Savoie, avec des notes de M. Elie de Beaumont. (Tract.) 8vo. *Turin*, 1857.
- . Gneis con impronta di Equiseto. (Tract.) 8vo. *Turin*, 1865.
- . Nuove osservazioni geologiche sulle rocce anthracitifere delle Alpi. (Tract.) 4to. *Turin*, 1867.
- . Observations à l'article de M. Gabriel de Mortillet, 'Géologie du tunnel de Fréjus ou percée du Mont-Cenis.' (Tract.) 8vo. *Turin*, 1872.
- . Descrizione dei pesci e dei crostacei fossili nel Piemonte. (Tract.) 4to. *Turin*, 1846.
- . Appendice alla Descrizione dei pesci e dei crostacei fossili nel Piemonte. (Tract.) 4to. *Turin*, 1861.
- . Synopsis methodica Animalium invertebratorum Pedemontii fossilium. Editio altera. (Tract.) 8vo. *Turin*, 1847.

- Sismonda** (Angelo). *Osteografia di un Mastodonte angustidente.* (Tract.) 4to. *Turin*, 1851.
- . Notizia dei lavori fatti dalla classe delle scienze fisiche e matematiche nel corso degli anni 1849 e 1850, 1851 e 1852, dell' anno 1853, e dell' anno 1855. (Tracts.) 4to. *Turin*, 1852–56.
- . *Elementi di storia naturale generale.* Vol. I. 8vo. *Turin*, 1853.
- . Note sur le terrain nummulitique supérieur du Dego, des Carcare etc., dans l'Apennin ligurien. (Tract.) 2 copies. 4to. *Turin*, 1855.
- . See **BELLARDI** (Luigi).
- Sivry** (— de). *Journal des observations minéralogiques faites dans une partie des Vosges et de l'Alsace.* 8vo. *Nancy*, 1782.
- Skene** (A. J.). *Through Gipps Land.* (Tract.) 8vo. *Melbourne*, 1874.
- . See **REPORTS, COLONIAL**, etc. *Victoria*.
- and **Smyth** (R. Brough). *Report on the physical character and resources of Gippsland.* 8vo. *Melbourne*, 1874.
- Skene** (James). Extract from a letter to Mr. Greenough. (Tract.) M.S. 1810.
- Skertchly** (Sydney B. J.). *Physical Geography.* 8vo. *London*, 1872.
- . *Geology.* 8vo. *London*, 1873.
- . *On the Manufacture of Gun-flints, the methods of excavating for flint, the age of Palæolithic Man, and the connexion between the Neolithic art and the gun-flint trade.* (Memoirs of the Geological Survey of England and Wales.) 8vo. *London*, 1879.
- . See **KNIGHTS** (—), and **SURVEYS, ENGLAND AND WALES**.
- Skey** (Joseph) and **Kelly** (William). *Analysis of a Mineral Water from Gaspé.* (Tract.) 8vo. *Quebec*, 1834.
- Skrine** (Henry). *A general account of all the Rivers of note in Great Britain.* 8vo. *London*, 1801.
- Slavík** (Alfred). See **KREJČÍ** (J.).
- Slimon** (Robert). See **MURCHISON** (*Sir Roderick Impey*).
- Slingsby** (Jonathan). *A familiar Epistle to Robert J. Walker, to which is prefixed a Biographical Sketch.* (Tract.) 8vo. *London*, 1863.
- Smith** (Andrew). *Report of the Expedition for Exploring Central Africa, from the Cape of Good Hope, June 23, 1834.* 8vo. *Cape Town*, 1836.
- Smith** (Aquila). See **HAUGHTON** (Samuel).
- Smith** (Charles H.). *Lithology; or, Observations on Stone used for Building.* (Tract.) 4to. *London*, 1840.
- . See **DONALDSON** (T. L.), and **REPORTS, PARLIAMENTARY.** *Building-stone.*
- Smith** (Christian). See **TUCKEY** (James Kingston).
- Smith** (C. Roach). *Museum of London Antiquities.* (Tract.) 8vo. *London*, 1856.
- Smith** (Edward). *Experimental Inquiries into the Chemical and other Phenomena of Respiration, and their Modifications by various physical agencies.* (Tract.) 4to. *London*, 1859.
- Smith** (E. A.). See **SURVEYS: ALABAMA**.
- Smith** (Frederick). *Descriptions of new species of Hymenoptera in the Collection of the British Museum.* 8vo. *London*, 1879.

Smith (Frederick). See **BRITISH MUSEUM.**

Smith (James). On the relative ages of the Tertiary and Post-tertiary Deposits of the basin of the Clyde. (Tract.) 4to. *London*, 1840.

——. On the last changes in the Relative Levels of the Land and Sea in the British Isles. (Tract.) 8vo. *Edinburgh*, 1839.

——. Researches in newer Pliocene and Post-tertiary Geology. 8vo. *Glasgow*, 1862.

Smith (James Lawrence). Reexamination of American Minerals. Part V. (Tract.) 8vo. *New Haven*, 1855.

——. The Minerals of the Wheatley Mine, in Pennsylvania. (Tract.) 2 copies. 8vo. *New Haven*, 1855.

——. Description d'une masse de fer météorique dont on a observé la chute dans le sud de l'Afrique, en 1862, et remarques sur l'enstatite. (Tract.) 4to. *Paris*, 1873.

——. Masse de fer météorique découverte en creusant un fossé. Observations sur la structure moléculaire du fer météorique. Protochlorure solide de fer dans les météorites. (Tract.) 4to. *Paris*, 1873.

——. Note sur le corindon de la Caroline du nord, de la Géorgie et de Montana. (Tract.) 4to. *Paris*, 1873.

——. Nouvelle note. (Tract.) 4to. *Paris*, 1873.

——. Curieuse association de grenat, d'idocrase et de datolithe. (Tract.) 4to. *Paris*, 1874.

——. Sur la warwickite. (Tract.) 4to. *Paris*, 1874.

——. Anomalie magnétique du sesquioxyde de fer, préparé à l'aide de fer météorique. (Tract.) 4to. *Paris*, 1875.

——. Researches on the solid Carbon Compounds in Meteorites. (Tract.) 8vo. *New Haven*, 1876.

——. A Description of the Rochester, Warrenton, and Cynthia Meteoric Stones, etc. (Tract.) 8vo. *New Haven*, 1877.

——. Examination of American Minerals. No. 6. Description of Columbic Acid Minerals. (Tract.) 2 copies. 8vo. *New Haven*, 1877.

——. Mémoire sur le fer natif du Groënland et sur la dolérite qui le renferme. (Tract.) 8vo. *Paris*, 1879.

——. Note sur un remarquable spécimen de siliciure de fer. (Tract.) 4to. *Paris*, 1879.

——. See **DAUBRÉE (A.).**

Smith (John). *Historia Filicum*; an exposition of the nature, number, and organography of Ferns. 8vo. *London*, 1875.

Smith (John Alexander) and Thomson (Murray). Notice (and chemical analysis) of a mass of Meteoric Iron found in the village of Newstead, Roxburghshire, etc. (Tract.) 8vo. *Edinburgh*, 1862.

Smith (J. E.). See **DERHAM (W.).**

Smith (John Pye). On the Relation between the Holy Scriptures and some parts of Geological Science. 8vo. *London*, 1839.

——. ———. 2nd edition. 8vo. *London*, 1840.

——. ———. 3rd edition. 8vo. *London*, 1843.

——. ———. 4th edition. 8vo. *London*, 1848.

——. ———. 5th edition, with a short sketch of the Literary Life of the author, by J. Hamilton Davies. 8vo. *London*, 1852.

Smith (J. Toulmin). The Ventriculidæ of the Chalk.

8vo. *London*, 1848.

——. The finding of True Facts, being an Inaugural Address delivered at the first meeting of the Geologists' Association, 1859. (Tract.)

8vo. *London*, 1859.

Smith (M. L.) and Hardcastle (Ed. L. F.). Report of the Secretary of War, communicating a map of the Valley of Mexico from surveys by Lieutenants Smith and Hardcastle. (Tract.)

8vo. *Washington*, 1850.

Smith (Persifor F.). See CALIFORNIA.

Smith (R. Baird). Notes illustrative of the Geology of Southern India. (Tract.)

8vo. *Calcutta*, 1840.

Smith (Thomas). The Miner's Guide, being a description and illustration of a Chart of Sections of the principal mines of coal and ironstone in the counties of Stafford, Salop, Warwick, and Durham.

8vo. *London*, 1836.

Smith (Titus). Lecture on Mineralogy. (Tract.)

8vo. *Halifax, N. S.*, 1834.

Smith (William). A memoir to the map and delineation of the strata of England and Wales, with part of Scotland.

4to. *London*, 1815.

——. Strata identified by Organized Fossils.

4to. *London*, 1816.

——. Stratigraphical System of Organized Fossils.

4to. *London*, 1817.

——. (Reviews of his Geological Works, from the 'Edinburgh Review.' Tract.)

8vo. *Edinburgh*, 1818.

——. Geological Atlas.

8vo. *London*, 1819–24.

——. Synopsis of Geological Phenomena. (Tract.)

Fol. *Oxford*, 1832.

——. Memoirs of William Smith. See PHILLIPS (John).

——. See REPORTS, PARLIAMENTARY. Building-stone.

—— and **Martin (Edward).** Reports on the state of the Collieries at and near Nailsea. (Bristol and Taunton Canal.) (Tract.)

Fol. *Bristol*, 1811.

Smith (Rev. William). A Natural History of Nevis, and the rest of the English Leeward Charibee Islands in America.

8vo. *Cambridge*, 1745.

Smith (Rev. William). See BRITISH MUSEUM.

Smith (William H.). The Mediterranean, a Memoir Physical, Historical, and Nautical.

8vo. *London*, 1854.

Smith (William R.). The History of Wisconsin, in three parts, Historical, Documentary, and Descriptive. Vols. I. and III.

8vo. *Madison*, 1854.

Smithe (Frederick). The Geology of Churchdown Hill. 2 copies of Part I. (Tract.)

8vo. *Gloucester*, 1861.

——. On the occurrence of *Plicatula lævigata* of d'Orbigny in the Middle Lias of Gloucestershire, and on the Middle Lias of North Gloucestershire. The *Spinatus* Zone. (Tract.)

8vo. *Gloucester*, 1877.

Smithers (Henry). Observations made during a residence in Brussels and several tours through the Netherlands. 3rd edition.

8vo. *London*, no date.

Smithson (James). On the composition of Zeolite. (Tract.)

4to. *London*, 1811

- Smithson (James).** On a substance from the Elm Tree called Ulmin. (Tract.) 4to. *London*, 1813.
- . Some observations on Mr. Penn's Theory concerning the formation of the Kirkdale Cave. (Tract.) 8vo. *London*, 1824.
- Smits (H. D. A.).** See MELVILL OF CARNBEE (*Baron*).
- Smyth (Charles Piazzzi).** Report addressed by the Astronomer-Royal for Scotland to the Board of Visitors at their Visitation of the Royal Observatory, Edinburgh, November 1852. (Tract.) 4to. *Edinburgh*, 1852.
- . On raising Water for the purposes of Irrigation in the Colonies. (Tract.) 8vo. *London and Glasgow*, 1853.
- . Report on the Teneriffe Astronomical Experiment of 1856. (Tract.) *London and Edinburgh*, 1858.
- . Report read by the Astronomer-Royal for Scotland to the special meeting of her Majesty's Government Board of Visitors of the Royal Observatory, Edinburgh, on the 4th, and issued on the 11th of November, 1864. (Tract.) 4to. *Edinburgh*, 1864.
- . See EDINBURGH OBSERVATORY.
- Smyth (R. Brough).** Intercolonial Exhibition, 1866. Mining and Mineral Statistics. (Tract.) 2 copies. 8vo. *Melbourne*, 1866.
- . The Gold-fields and Mineral Districts of Victoria. 4to. *Melbourne and London*, 1869.
- . Mining and Mineral Statistics, with notes on the rock formations of Victoria. 8vo. *Melbourne*, 1872.
- . See EXHIBITION OF 1862; REPORTS, COLONIAL, etc., VICTORIA; SKENE (A. J.); and SURVEYS, VICTORIA.
- Smyth (Warrington W.).** On the value of an extended knowledge of Mineralogy and the processes of Mining. 8vo. *London*, 1852.
- . Note on the mode of working the Coal and Ironstone of South Staffordshire. 8vo. *London*, 1853.
- . On the Mines of Wicklow and Wexford. 8vo. *London*, 1853.
- . Introductory Address to the Geological Section of the British Association, delivered at Newcastle, August 27, 1863. (Tract.) 8vo. *London*, 1863.
- . A Treatise on Coal and Coal-mining. 8vo. *London*, 1867.
- . A rudimentary Treatise on Coal-mining. 2nd edition. 12mo. *London*, 1872.
- . Lecture on Mineralogy delivered at the South Kensington Museum, 7th of May, 1860. (Tract.) 8vo. *London*, 1873.
- . See JUKES (Joseph Beete) and REPORTS, PARLIAMENTARY.
- , **Dick (A.), and Spiller (J.).** The Iron-ores of Great Britain. Part I. The Iron-ores of the North and North-midland counties of England. 8vo. *London*, 1856.
- Smyth (William Henry).** Some Remarks on an error respecting the Site and Origin of Graham Island. (Tract.) 2 copies. 4to. *London*, 1832.
- . Nautical observations on the Port and maritime vicinity of Cardiff. 8vo. *Cardiff*, 1840.
- Sobrero (Ascanio).** See SERIALS, ETC.: TURIN, Accademia delle Scienze.
- Sodoffsky (W.).** Rundgesang, Sr. Excellenz dem Herrn Dr. Fischer v. Waldheim zur Feier seines 50-jährigen Doctorjubiläums geweiht. 8vo. *Riga*, 1847.

- Sohncke** (Leonhard). Die unbegrenzten regelmässigen Punktsysteme als Grundlage einer Theorie der Krystallstruktur. (Tract.) 8vo. *Karlsruhe*, 1876.
- . Entwicklung einer Theorie der Krystallstruktur. 8vo. *Leipzig*, 1879.
- Solander** (Daniel). The Natural History of many curious and uncommon Zoophytes collected from various parts of the globe by the late John Ellis. 4to. *London*, 1786.
- Soldani** (Ambrogio). Biography. See **RICCA** (P. Massimiliano).
- . Saggio orittografico ovvero osservazioni sopra le terre nautilitiche ed ammonitiche della Toscana, etc. 4to. *Sienna*, 1780.
- . Sopra una pioggia di sassi accaduta nella sera de' 16 giugno del MDCCXCIV. in Lucignan d'Asso nel Sanese; preceded by 'Litogenesia, lettera al Sig. Canonico Sacchetti.' 8vo. *Sienna*, 1794.
- Sollas** (W. J.). Syllabus of a course of Lectures on Geology. [Cambridge University Extension.] 1873–1877. 8vo. *London*, 1878.
- Solly** (Edward). Rural Chemistry; an elementary introduction to the study of the science in its relation to agriculture. 2nd edition. 8vo. *London*, 1846.
- Solly** (S.). On the probable Origin of certain Trap-rocks. (Tract.) Fol. manuscript.
- . On Whindykes and Trap. (Tract.) 4to. etc. manuscript, 1814.
- . On some Specimens from Finbo. (Tract.) Fol. manuscript, 1817.
- . See **BUCH** (Leopold von).
- Somervail** (Alexander). See **SERIALS**, etc.: **EDINBURGH**, Geological Society.
- Sömmerring** (Samuel Thomas von). Ueber die *Lacerta gigantea* der Vorwelt. (Tract.) 4to. *Munich*, 1816.
- Sommerville** (John). Catalogue of Scottish Rocks. (Tract.) 8vo. *Edinburgh*, no date.
- Sonder** (W.). See **VON DER DECKEN** (Carl Claus). Reisen in Ost-Africa in 1859–65.
- Sonneschmid** (Friedrich Traugott). Mineralogische Beschreibung der vorzüglichsten Bergwerks-Reviere von Mexico oder Neuspanien. 8vo. *Mädlaureuth*, 1804.
- Sonstadt** (Edward). On a new reagent for the separation of Calcium and Magnesium. (Tract.) 8vo. *Manchester*, 1864.
- Sopwith** (Thomas). Geological Sections of Holyfield, Hudgill, Crossbein, and Silver-Band Lead-Mines in Alston Moor and Teesdale. 4to. *Newcastle*, 1829.
- . An account of the Mining districts of Alston Moor, Weardale, and Teesdale, in Cumberland and Durham; etc. 8vo. *Alnwick*, 1833.
- . A treatise on Isometrical Drawing. 8vo. *London*, 1834.
- . On Civil and Mining Engineering. (Tract.) 8vo. *London*, 1836.
- . Account of the Museum of Economic Geology. 8vo. *London*, 1843.
- . The national importance of preserving Mining Records. (Tract.) 2 copies. 8vo. *London*, 1844.
- . Description of a series of elementary Geological Models. 8vo. *London*, 1875.

- Sorby** (Henry Clifton). On the excavation of the Valleys in the Tabular Hills, as shown by the configuration of Yedmandale, near Scarbro'. (Tract.) 2 copies. 8vo. *Leeds*, 1850.
- . On the tetramorphism of Carbon. (Tract.) 8vo. *Edinburgh*, 1851.
- . On the contorted strata of the Drift of the Coast of Yorkshire. (Tract.) 8vo. *Leeds*, 1852.
- . On the microscopical structure of the Calcareous Grit of the Yorkshire coast. (Tract.) 8vo. *Leeds*, 1852.
- . On the occurrence of non-gymnospermous exogenous wood in the Lias near Bristol. (Tract.) 8vo. *London*, 1852.
- . On the origin of Slaty Cleavage. (Tract.) 8vo. *Edinburgh*, 1853.
- . Wave-structures of Stratified Rocks. (Tract.) 8vo. *Sheffield*, 1854.
- . On the motions of Waves, as illustrating the structure and formation of stratified rocks. (Tract.) 8vo. *Leeds*, 1855.
- . On Slaty Cleavage, as exhibited in the Devonian Limestones of Devonshire. (Tract.) 8vo. *London*, 1856.
- . On the Physical Geography of the Old-Red-Sandstone Sea of the Central district of Scotland. (Tract.) 8vo. *Edinburgh*, 1856.
- . On the Terraces in the Valley of the Tay, north of Dunkeld. (Tract.) 8vo. *Edinburgh*, 1856.
- . On the Theory of the Origin of Slaty Cleavage. (Tract.) 8vo. *London*, 1856.
- . On the Physical Geography of the Tertiary Estuary of the Isle of Wight. (Tract.) 8vo. *Edinburgh*, 1857.
- . On the microscopical structure of Crystals, indicating the origin of minerals and rocks. (Tract.) 8vo. *London*, 1858.
- . De l'action prolongée de la chaleur et de l'eau sur différentes substances. (Tract.) 8vo. *Paris*, 1860.
- . Sur l'application du microscope à l'étude de la géologie physique. (Tract.) 8vo. *Paris*, 1860.
- . On the organic origin of the so-called "Crystalloids" of the Chalk. (Tract.) 2 copies. 8vo. *London*, 1861.
- . On impressed Limestone Pebbles, as illustrating a new principle in Chemical Geology. (Tract.) 8vo. *Leeds*?, 1865.
- . On a definite method of Qualitative Analysis of Animal and Vegetable Colouring-matters by means of the Spectrum Microscope. (Tract.) 8vo. *London*, 1867.
- . Anniversary Address of the President [Royal Microscopical Society], 1877. (Tract.) 8vo. *London*, 1877.
- . On the Colouring-matters found in the Human Hair. (Tract.) 8vo. *London*, 1878.
- . The President's Address [to the Royal Microscopical Society], 1878. (Tract.) 8vo. *London*, 1878.
- . Address delivered at the Anniversary Meeting of the Geological Society, 1879. . . . With a privately published Appendix of 18 Plates, with accompanying description. (Tract.) 8vo. *London*, 1879.
- . —, 1880. 8vo. *London*, 1880.
- . Honorary Degree of LL.D. Cantab. conferred upon him. See CAMBRIDGE. Speeches . . . by the Public Orator. 1879.
- Soret** (Louis). See FAVRE (Alphonse).

Sorge (C. Th.). See GEINITZ (H. B.).

Sorretino (Ignazio). *Istoria del Monte Vesuvio.* 4to. *Naples*, 1734.

Soulavie (J. L. Giraud-). See GIRAUD-SOULAVIE (J. L.).

South (Sir James). Reply to a Letter in the 'Morning Chronicle' relative to the interest which the British Government evinces in the promotion of Astronomical Science. (Tract.) 8vo. *London*, 1829.

——. Refutation of the numerous misstatements and fallacies contained in a paper presented to the Admiralty by D. Thomas Young . . . 1829. (Tract.) 8vo. *London*, 1829.

——. See DAVY (John).

South Australia. Mineral resources north of Port Augusta. (Tract.) 2 copies. Fol. *Adelaide*, 1872.

——. See SINNETT (Frederick).

Southern (George William). See REPORTS, PARLIAMENTARY. Mines.

Sowerby (George Brettingham). A Catalogue of the Shells contained in the collection of the late Earl of Tankerville, arranged according to the Lamarckian conchological system, together with an Appendix, containing descriptions of many new species. 2 copies. 8vo. *London*, 1825.

——. The Mineral Conchology of Great Britain. 10 vols. 2 copies in 5 vols. and 10 vols. 8vo. *London*, 1818–29.

——. Descriptions of three new Shells. (Tract.) 8vo. *London*, no date.

——. Part the First of a [Sale-] Catalogue of his stock, consisting of Madreporas, fossils, etc. (Tract.) 8vo. *London*, 1832.

——. A [sale] Catalogue of Books, . . . Shells, and a few remarkable Minerals and Fossils; etc. (Tract.) 8vo. *London*, 1835.

——. A Conchological Manual. 8vo. *London*, 1839.

——. Description of a new fossil Cirripede from the Upper Chalk near Rochester. (Tract.) 8vo. *London*, 1843.

——. See BRODERIP (W. J.).

Sowerby (James de Carle). On Kimmeridge and other Coals. (Tract.) MS.

——. A List of Minerals, with Latin and English names and numerous synonyms, etc. (Tract.) 8vo. *London*, 1819.

——. List of Rocks and Strata, arranged in the order in which they generally occur, etc. (Tract.) 8vo. *London*, 1819.

Spada (J. J.). *Corporum lapidefactorum agri Veronensis Catalogus.* Editio altera multo auctior, cui accedunt Annotationes. 4to. *Verona*, 1744.

Spain. See SURVEYS.

Spallanzani (Lazare). *Voyages dans les deux Siciles et dans quelques parties des Apennins.* Traduits de l'Italien par G. Toscan, avec notes par Faujas-de-St.-Fond. 6 vols. 8vo. *Paris*, 1800.

Spanish Colonies. Political, Commercial, and Statistical Sketches of the Spanish Empire in both Indies, etc. 8vo. *London*, 1809.

Spargo (Thomas). Statistics and observations on the Mines of Cornwall and Devon. 8vo. *London*, 1864.

Speir (Francis, jun.). See SERIALS, ETC.: PRINCETON, N. J. Museum of Geology, etc.

Spence (William). Address delivered at the Anniversary Meeting of the Entomological Society of London, 1848. (Tract.) 8vo. *London*, 1848.

- Spence** (William). (Memoir of the Rev. William Kirby, M.A.) (Tract.)
8vo. *London*, 1850.
- Spencer** (Joseph William). On the Nipigon or Copper-bearing Rocks of Lake Superior, with notes on copper-mining in that region. (Tract.)
8vo. *Montreal*, 1876.
- . Graptolites of the Niagara Formation. (Tract.)
8vo. *Montreal*, 1878.
- Sperges** (Joseph von). Tyrolische Bergwerksgeschichte, etc.
8vo. *Vienna*, 1765.
- Speyer** (Oscar). Die Ostracoden der Casseler Tertiärbildungen. (Tract.)
8vo. *Cassel*, 1863.
- Spiller** (J.). See SMYTH (Warrington W.).
- Spon** (Edward and F. N.). Catalogue of Scientific Books.
8vo. *London*, 1867.
- Spottiswoode** (William). On the Old and New Laboratories at the Royal Institution. (Tract.)
8vo. *London*, 1873.
- Sprat** (Thomas). The History of the Royal Society of London for the improving of Natural Knowledge.
4to. *London*, 1667.
- Spratt** (Thomas A. B.). On the Geology of the Maltese Islands. With a note on the Fossils, by Prof. E. Forbes. (Tract.) 8vo. *London*, 1844.
- . On the Geology of Malta and Gozo. 2nd edition. (Tract.)
8vo. *London*, 1854.
- . An investigation of the movements of Teignmouth Bar. (Tract.)
8vo. *London*, 1856.
- . On the Freshwater Deposits of Eubœa, the coast of Greece, and Salonika. (Tract.)
8vo. *London*, 1856.
- . An investigation of the effect of the prevailing Wave-influence on the Nile's deposits.
Fcap. *London*, 1859.
- . Travels and Researches in Crete. 2 vols. 8vo. *London*, 1865.
- . On the evidences of the rapid silting in progress at Port Said, the entrance to the Suez Canal.
8vo. *London*, 1870.
- . The Cretan Venus. (Tract.)
Fol. *London*, 1877.
- . A suggestion for the improvement of the entrance to the Mersey. (Tract.)
8vo. *London*, 1880.
- . See FORCHHAMMER (P. W.).
- and **Forbes** (Edward). Travels in Lycia, Milyas, and the Cibyrtis. 2 vols.
8vo. *London*, 1847.
- Spreafico** (Emilio). See NIGRI (Gaetano).
- Spurzheim** (J. G.). Examination of the objections made in Britain against the Doctrines of Gall and Spurzheim. (Tract.)
8vo. *Edinburgh*, 1817.
- Squier** (E. G.). Honduras Interoceanic Railway, with maps of the line and ports; and an Appendix, containing report of Admiral R. FitzRoy, etc. (Tract.)
8vo. *London*, 1857.
- Stabile** (Joseph). Fossiles des environs du lac de Lugano. (Tract.)
8vo. *Lugano*, 1861.
- . Mollusques terrestres vivants du Piémont. 8vo. *Milan*, 1864.
- Stache** (Guido). See HAUER (F. von) and NOVARA EXPEDITION.
- and **Stache** (John Conrad). Geologische und petrographische Beiträge zur Kenntniss der älteren Eruptiv- und Massengesteine der Mittel- und Ost-Alpen. (Tract.)
8vo. *Vienna*, 1877.

Stahl (Georg Ernst). See KUNKEL (Johann).

Stainton (Henry Tibbats). See BRITISH MUSEUM.

Stalsberg (Rik. F.). Udsigt over de væsentligste forbedringer ved jerntilvirkningen i de seneste decennier. 8vo. *Christiania*, 1866.

Stanhope (Earl). Address as President of the Medico-Botanical Society, at the Anniversary Meetings, 1829–1831, 1836, and 1837. (Tracts.) 8vo. *London*, 1829–37.

Stanley (William Ford). A descriptive Treatise on Mathematical Drawing Instruments. 8vo. *London*, 1866.

Stansbury (Howard). Exploration and Survey of the valley of the Great Salt Lake of Utah. With Maps. 8vo. *Philadelphia*, 1852.

Staring (W. C. H.). (Geologische Kaart van Nederland.) Gronden van Nederland en de aangrenzende Streken. (Tract.) 12mo. *Haarlem*, 1858–67.

——. (Carte géologique de la Néerlande.) Terrains de la Néerlande et des contrées limitrophes. (Tract.) 8vo. *Haarlem*, 1858–67.

——. Notice sur les restes du Mosasaurus et de la tortue de Maastricht, conservés au Musée de Teyler à Harlem. (Tract.) 8vo. *Amsterdam*, 1862.

——. Opmerkingen over het Zanddiluvium van Noord-Duitschland, Nederland en België. (Tract.) 8vo. *Amsterdam*, 1865.

——. Over de Putboring te Goes. (Tract.) 8vo. *The Hague*, 1865.

——. Over oude Meer-oeverbanken op Java. (Tract.) 8vo. *Amsterdam*, 1866.

——. Over de Herkomst van het Grind onzer Rivieren. (Tract.) 8vo. *Amsterdam*, 1860.

——. See BOSQUET (J.).

Steavenson (A. L.). On Ironstone Mining in Cleveland. (Tract.) 8vo. *Newcastle-upon-Tyne*, 1874.

Steenstrup (Johann Japetus Smith). On the Alternation of Generations; or the Propagation and development of Animals through alternate generations. Translated from the German version of C. H. Lorenzen, by George Busk. 8vo. *London*, 1845.

——. Kjæmpeoxens (*Bos Urus*, Linn.) og Bæverens (*Castor fiber*, Linn.) samtidighed med Urindvaanerne her i landet. (Tract.) 8vo. *Stockholm*, 1851.

——. Om Kjæmpe-Oxens (*Bos primigenius*, Boj.) samtidighed med landets ældre fyrreskove, og om flintskjærver indvoxne i dyreknokler, som minder om stenalderens forfølgelser af de vilde dyr. (Tract.) 8vo. *Copenhagen*, 1871.

——. See FORCHHAMMER (G.).

Steenstrup (K. J. V.). Om de Nordenskiöldske jærnmasser og om forekomsten af gedigent jærn i basalt. (Tract.) 8vo. *Copenhagen*, 1876.

Stefani (Carlo de). Note sul calcare cavernoso dei Colli di Pietrasanta nelle Alpi apuane. (Tract.) 8vo. *Pisa*, 1871.

——. Studio sulla stratigrafia degli schisti di Ripa e dei marmi del Monte Costa, della Cappella, e di Trambiserra, nelle Alpi apuane. (Tract.) 8vo. *Pisa*, 1872.

——. Sull' asse orografico della Catena Metallifera. (Tract.) 8vo. *Pisa*, 1873.

- Stefani** (Carlo de). Gli antichi ghiacciai dell' Alpe di Corfino ed altri dell' Appennino settentrionale e delle Alpi apuane. (Tract.)
8vo. *Rome*, 1874.
- . Geologia del Monte Pisano. 4to. *Rome*, 1877.
- and **Pantanelli** (Dante). Molluschi pliocenici dei dintorni di Siena. 8vo. *Sienna*, 1878.
- Steffens** (Heinrich). Beyträge zur innern Naturgeschichte der Erde. Erster Theil. 8vo. *Freiburg*, 1801.
- . Geognostisch-geologische Aufsätze, als Vorbereitung zu einer innern Naturgeschichte der Erde. 8vo. *Hamburg*, 1810.
- . Vollständiges Handbuch der Oryktognosie. 2 vols. 12mo. *Halle*, 1811–15.
- Stein** (W.). See **SAXONY**.
- Steindachner** (Franz). Beiträge zur Kenntniss der fossilen Fischfauna Österreichs. (Tracts.) 8vo. *Vienna*, 1859–60.
- . ———. 4te Folge. (Tract.) 8vo. *Vienna*, 1863.
- . Ichthyologische Notizen. (Tract.) 8vo. *St. Petersburg*, 1869.
- . See **KNER** (Rudolph).
- Steinhardt** (E. Th. G.). Die bis jetzt in preuss. Geschieben gefundenen Trilobiten. 4to. *Königsberg*, 1874.
- Steinhauer** (Henry). Memoir on Fossil Reliquiæ of unknown vegetables in the Coal Strata. (Tract.) 4to. *Philadelphia*, 1818.
- Steininger** (Johann). Geognostische Studien am Mittelrheine. 2 copies. 8vo. *Mayence*, 1819.
- . Die erloschenen Vulkane in der Eifel und am Niederrheine. 2 copies. 8vo. *Mayence*, 1820.
- . Neue Beiträge zur Geschichte der rheinischen Vulkane. 8vo. *Mayence*, 1821.
- . Gebirgskarte der Länder zwischen dem Rheine und der Maas. 8vo. *Mayence*, 1822.
- . Die erloschenen Vulkane in Südfrankreich. 8vo. *Mayence*, 1823.
- . Bemerkungen über die Versteinerungen, welche in dem Uebergangs-Kalkgebirge der Eifel gefunden werden. (Tract.) 4to. *Treves*, 1831.
- . Geognostische Beschreibung der Eifel. 4to. *Treves*, 1853.
- Steinmüller** (Johann Rudolph). See **SALIS** (Carl Ulisses von).
- Stelzner** (Alfred Wilhelm). Die Granite von Geyer und Ehrenfriedersdorf sowie die Zinnerzlagerstätten von Geyer. 8vo. *Freiberg*, 1865.
- . See **SAXONY**. Beiträge zur geognostischen Kenntniss des Erzgebirges.
- Steno** (Nicola). Biographical Notice. See **CAPELLINI** (Giovanni).
- . Prodrome d'une dissertation sur le solide contenu naturellement dans un autre solide; extrait et traduit par M. Elie de Beaumont. (Tract.) 2 copies. 8vo. *Paris*, 1831.
- . See **PILLA** (Leopoldo).
- Stenzel** (Karl Gustav). Zwei Beiträge zur Kenntniss der fossilen Palmen. (Tract.) 4to. *Breslau and Bonn*, 1850.
- Stephens** (James Francis). See **BRITISH MUSEUM**.
- Stephens** (Walter). Notes on the Mineralogy of part of the vicinity of Dublin. Edited by W. Fitton. (Tract.) 2 copies. 8vo. *London*, 1812.

- Stephenson** (George Robert). Address . . . on his election as President of the Institution of Civil Engineers, 1875–76. (Tract.)
8vo. *London*, 1876.
- Stephenson** (Robert). (Report to the proposed London and Westminster Water Company; and, Observations on the Report.) (Tract.)
8vo. *London*, 1841.
- Sternberg** (Kaspar von). Versuch einer geognostisch-botanischen Darstellung der Flora der Vorwelt. (Tract.)
Fol. *Leipzig* and *Prague*, 1820.
- . Essai d'un exposé geognostico-botanique de la flore du monde primitif. Traduit par M. Le Comte de Bray.
Fol. *Leipzig* and *Prague*, 1820.
- Sternfeld** (J. C. von Koch-). See KOCH-STERNFELD (J. C. von).
- Sterzel** (T). See SURVEYS: SAXONY.
- Stevens** (Joseph). A descriptive list of Flint Implements found at St. Mary Bourne, Hampshire. (Tract.)
8vo. *London*, 1867.
- Stevenson** (John J.). The Geological Relations of the Lignitic Groups. (Tract.)
8vo. *Philadelphia*, 1875.
- . On the Surface Geology of South-west Pennsylvania and adjoining portions of Maryland and West Virginia. (Tract.)
8vo. *New Haven*, 1878.
- . The Upper Devonian Rocks of South-west Pennsylvania. (Tract.)
8vo. *New Haven*, 1878.
- . See SURVEYS: PENNSYLVANIA and UNITED STATES.
- Stevenson** (Robert). Report relative to a Line of Canal upon one Level, between the Cities of Edinburgh and Glasgow, etc. (Tract.)
8vo. *Edinburgh*, 1817.
- Stevenson** (W. F.). The Composition of Hydrogen and the non-decomposition of Water incontrovertibly established, etc. 2nd edition.
8vo. *London*, 1849.
- Stewart** (John). General Directions for the Navigation of the Archipelago. 8vo. *London*, 1826.
- Stift** (C. E.). Geognostische Beschreibung des Herzogthums Nassau, in besonderer Beziehung auf die Mineralquellen dieses Landes.
8vo. *Wiesbaden*, 1831.
- Stirton** (J.). See BRITISH ASSOCIATION. Glasgow Guide-books.
- Stizenberger** (Ernst). Uebersicht der Versteinerungen des Grossherzogthums Baden. (Tract.)
8vo. *Freiberg*, 1851.
- Stobæus** (Kilianus). Opuscula in quibus Petrefactorum, Numismatum et Antiquitatum Historia illustratur. 4to. *Dantzic*, 1752.
- Stoddart** (George Henry). The true cure for Ireland, the Development of her Industry, etc. (Tract.)
8vo. *London*, 1847.
- Stokes** (Arthur H.). Notes on the Coal Seam and Geology of Suderöe. (Tract.)
8vo. *London* and *Derby*, 1874.
- . Economic Geology of Derbyshire. (Tract.)
8vo. *London* and *Derby*, 1878.
- Stokes** (W.). A Catalogue of the Minerals in the Museum of Trinity College, Dublin. Part. I. Systematic Collection.
8vo. *Dublin*, 1807.
- Stoliczka** (F.). Ueber eine der Kreideformation angehörige Süsswasserbildung in den nordöstlichen Alpen. (Tract.) 8vo. *Vienna*, 1860.

- Stoliczka (F.).** Ueber die Gasteropoden und Acephalen der Hierlatzschichten. (Tract.) 8vo. *Vienna*, 1861.
- . Beitrag zur Kenntniss der Molluskenfauna der Cerithien- und Inzersdorfer Schichten des ungarischen Tertiärbeckens. (Tract.) 8vo. *Vienna*, 1862.
- . Oligocäne Bryozoen von Latdorf in Bernburg. (Tract.) 8vo. *Vienna*, 1862.
- . Eine Revision der Gasteropoden der Gosauschichten in den Ostalpen. (Tract.) 8vo. *Vienna*, 1865.
- . Fossile Bryozoen aus dem tertiären Grünsandsteine der Orakeibay bei Auckland. (Tract.) 4to. *Vienna*, 1866.
- . A brief account of the geological structure of the Hill-ranges between the Indus Valley in Ladak and Shah-i-dula on the frontier of Yarkand territory. (Tract.) 8vo. *Calcutta*, 1874.
- . Geological notes on the route traversed by the Yarkand Embassy from Shah-i-dula to Yarkand and Kashgar. (Tract.) 8vo. *Calcutta*, 1874.
- . Geological observations made on a visit to the Chaderkul, Thian-Shan range. (Tract.) 8vo. *Calcutta*, 1874.
- . See BLANFORD (W. T.) and NOVARA EXPEDITION.
- Stones (William).** On Colonization: its Aspects and Results. (Tract.) 8vo. *London*, 1865.
- Stoppani (Antonio).** Paléontologie Lombarde, ou Description des fossiles de Lombardie. 1^e serie; 2^{me} série, pp. 1-72; 3^e serie; and 4^{me} série, pp. 1-112; and appendix, pp. 1-40. 4to. *Milan*, 1858 etc.
- . Essai sur les conditions générales des couches à *Avicula contorta*, etc., en Lombardie. (Tract.) 4to. *Milan*, 1861.
- . Supplément à l'essai sur les conditions générales des couches à *Avicula contorta*. (Tract.) 4to. *Milan*, 1863.
- . Della priorità e preeminenza degli Italiani negli studii geologici, prelezione al corso di Geologia. (Tract.) 8vo. *Milan*, 1862.
- . Corso di Geologia. 3 vols. 8vo. *Milan*, 1871-73.
- Story (W.).** See VICTORIA.
- Stotter (Michael).** See WIDMANN (Hermann von).
- Stow (George William).** On some points in South-African Geology. With notes by T. R. Jones. (Tract.) 8vo. *London*, 1871.
- . On the Diamond-gravels of the Vaal River, South Africa. With notes and descriptions of specimens by T. R. Jones. (Tract.) 8vo. *London*, 1872.
- . Geological Notes upon Griqualand West. With descriptions of the Specimens by T. Rupert Jones. 8vo. *London*, 1875.
- . Coal and Iron in South Africa. 8vo. *London*, 1879.
- Strachey (Sir Richard).** See SALTER (J. W.).
- Strangways (C. Fox-).** See SURVEYS: ENGLAND AND WALES.
- Strangways (William Thomas H. Fox-).** Strata des environs de St. Pétersbourg en ordre de position géologique. (Tract.) Fol. *St. Petersburg*, 1819.
- Strickland (Hugh Edwin).** Memoir on the Geology of the Vale of Evesham. (Tract.) 8vo. *London*, 1834.

- Strickland** (Hugh Edwin). On the Geology of the Thracian Bosphorus. (Tract.) 4to. *London*, 1840.
- . On the occurrence of the Bristol Bone-bed in the Lower Lias near Tewkesbury. (Tract.) 8vo. *London*, 1841.
- . On the true method of discovering the Natural System in Zoology and Botany. (Tract.) 8vo. *London*, 1841.
- . On certain impressions on the surface of the Lias Bone-bed in Gloucestershire. (Tract.) 8vo. *London*, 1842.
- . Report on the recent Progress and present State of Ornithology. (Tract.) 8vo. *London*, 1845.
- . (On the Geology of the Oxford and Rugby Railway.) (Tract.) 8vo. *Oxford*, 1848.
- . On Geology in relation to the Studies of the University of Oxford. (Tract.) 2 copies. 8vo. *Oxford*, 1852.
- . Rules for Zoological Nomenclature. (Tract.) 8vo. *Edinburgh*, 1863.
- . See AGASSIZ (Louis), HAMILTON (William John), MURCHISON (Roderick Impey), and SERIALS, etc.: WORCESTER, Worcestershire Natural-History Society.
- and Melville (A. G.). The Dodo and its kindred. 4to. *London*, 1848.
- Ström** (H. C.). Geognostiske reminiscentser isærom graniten. (Tract.) 2 copies. 8vo. *Christiania*, 1832–33.
- . Om altens eller Kaafjordens kobberværk i Finmarken. (Tract.) 8vo. *Christiania*, 1832–33.
- . Parallel between the British and the Continental methods of Copper Smelting. (Tract.) 8vo. *London*, 1835.
- . Forsøg til et grundrids af mineralernes climatologie. (Tract.) 2 copies. 8vo. *Christiania*, 1836.
- . See WERNER (A. G.).
- Strombeck** (August von). Ueber das Alter des Flammenmergels im nordwestlichen Deutschland. (Tract.) 8vo. *Vienna*, 1856.
- Stromeyer** (Frid.). De Arragonite ejusque differentia a Spitho calcareo rhomboidali chemica. (Tract.) 4to. *Halle*, 1813.
- Strover** (G. A.). Memorandum on the Metals and Minerals of Upper Burmah. (Tract.) 4to. *London*, 1873.
- Strozzi** (Carlo). See GAUDIN (Charles-Théophile).
- Struckmann** (C.). Ueber die Schichtenfolge des oberen Jura bei Ahlem unweit Hannover und über das Vorkommen der *Exogyra virgula* im oberen Korallen-Oolith des weissen Jura daselbst. (Tract.) 8vo. *Berlin*, 1875.
- . Ueber einige der wichtigsten fossilen Säugethiere der Quartärzeit oder Diluvial-Periode in Deutschland, mit besonderer Berücksichtigung des nordwestlichen Deutschlands und der Provinz Hannover. (Tract.) 8vo. *Hanover*, 1875.
- . Der obere Jura der Umgegend von Hannover. 4to. *Hanover*, 1878.
- . *Sowerbya Dukei* in hannover'schen Pteroceras-Schichten. (Tract.) 8vo. *Stuttgart*, 1879.
- . Vorläufige Nachricht über das Vorkommen grosser vogelähnlicher Thierfährten (Ornithoidichnites) im Hastingsssandstein von Bad Rehburg bei Hannover. (Tract.) 8vo. *Stuttgart*, 1880.

- Struter** (Gilbert L.). An account of the Newspapers and other Periodicals published in Salem from 1786 to 1856. (Tract.)
8vo. *Salem*, 1856.
- Strutt** (Charles Edward). See SWEDENBORG (Emanuel).
- Struve** (Heinrich). Versuch einer neuen Theorie der Salzquellen und des Salzfels, etc. (Tract.)
8vo. *Berne*, 1789.
- . Méthode analytique des fossiles, fondée sur leurs caractères extérieurs.
8vo. *Paris*, 1799.
- . Recueil de mémoires sur les salines et leur exploitation.
8vo. *Geneva*, 1803.
- . Abrégé de Géologie. (Tract.)
Paris and Geneva, 1819.
- Struvé** (William Price). Observations on the Great Anticlinal Line of the Basin of South Wales. (Tract.)
8vo. *Swansea*, 1848.
- Strüver** (Giovanni). Sulla Gastaldite, nuovo minerale del gruppo dei bisilicati anidri. (Tract.)
4to. *Rome*, 1875.
- . See SELLA (Quintino).
- Strzelecki** (P. E. de). Physical description of New South Wales and Van Diemen's Land.
8vo. *London*, 1845.
- Stübner** (Johann Christoph). Geographische, naturhistorische und vorzüglich mineralogische Beschreibung des Harzgebirges. 2 vols.
8vo. *Leipzig*, 1800.
- Studer** (Bernhard). Beyträge zu einer Monographie der Molasse, etc.
8vo. *Berne*, 1825.
- . Geologie der westlichen Schweizer Alpen. Ein Versuch.
8vo; Atlas, 4to. *Heidelberg and Leipzig*, 1834.
- . Die Gebirgsmasse von Davos. (Tract.)
4to. *Neufchatel*, 1836.
- . Aperçu général de la structure géologique des Alpes; précédé de quelques observations générales par E. Desor. (Tract.)
8vo. *Geneva*, 1842.
- . Geologie der Schweiz. 2 vols. 2 copies.
8vo. *Bern and Zurich*, 1851–53.
- . Ueber den Kalk des Chablais. (Tract.)
8vo. *Berne*, 1851.
- . Sur la carte géologique de la Suisse. (Tract.)
8vo. *Berne*, 1852.
- . Sur la manière d'écrire l'histoire de la géologie. (Tract.)
8vo. *Berne*, 1856.
- . Eröffnungsrede der 43^{sten} Versammlung schweizerischer Naturforscher in Bern. (Tract.) 2 copies.
8vo. *Berne*, 1858.
- . Ueber die Hügel bei Sitten im Wallis. (Tract.)
4to. *Carlsruhe*, 1858.
- . Ueber die natürliche Lage von Bern. (Tract.)
4to. *Berne*, 1859.
- . Les couches en forme de C dans les Alpes. (Tract.) 2 copies.
8vo. *Geneva*, 1861.
- . Observations géologiques dans les Alpes du lac de Thoune. (Tract.)
8vo. *Paris*, 1862.
- . Geschichte der physischen Geographie der Schweiz bis 1815.
8vo. *Berne and Zurich*, 1863.
- . Zur Geologie der Berneralpen. (Tract.)
8vo. *Stuttgart*, 1866.
- . (Revue de) Recherches géologiques dans les parties de la Savoie, du Piémont et de la Suisse voisines du Mont-Blanc, par A. Favre. (Tract.)
8vo. *Paris*, 1868.

- Studer (Bernhard).** Erläuterungen zur zweiten Ausgabe der geologischen Karte der Schweiz von B. Studer und A. Escher. (Tract.) 8vo. *Winterthur*, 1869.
- . Orographie der Schweizeralpen. (Tract.) 8vo. *Berne*, 1869.
- . [Ueber das Verdienst von James Forbes . . . um die Physik der Gletscher.] (Tract.) 8vo. *Berne*?, 1869.
- . Bericht der geologischen Commission an die Versammlung schweizerischer Naturforscher in Frauenfeld. (Tract.) 4to. *Berne*, 1871.
- . Zur Geologie des Ralligergebirges. (Tract.) 8vo. *Berne*, 1871.
- . Gneiss und Granit der Alpen. (Tract.) 8vo. *Berlin*, 1872.
- . Index der Petrographie und Stratigraphie der Schweiz und ihrer Umgebungen. 2 copies. 8vo. *Berne*, 1872.
- . Die Gotthardbahn. (Tract.) 12mo. *Berne*, 1874.
- . Geologisches vom Aargletscher. (Tract.) 8vo. *Berne*, 1874.
- . See ESCHER-VON-DER-LINTH (A.).
- , **Ulrich (M.)**, and **Weilenmann (J. J.)**. Berg- und Gletscherfahrten in den Hochalpen der Schweiz. 8vo. *Zurich*, 1859.
- Stümkel (Johann Georg).** Beschreibung der Eisenbergwerke und Eisenhütten am Harz. 8vo. *Göttingen*, 1803.
- Stur (Dionys).** Die geologische Beschaffenheit des Enns-Thales. (Tract.) 8vo. *Vienna*, 1853.
- . Ueber den Einfluss des Bodens auf die Vertheilung der Pflanzen, etc. (Tract.) 8vo. *Vienna*, 1856.
- . Das Isonzo-Thal von Flitsch abwärts bis Görz, die Umgebungen von Wippach, Adelsberg, Planina und die Wochein. (Tract.) 8vo. *Vienna*, 1858.
- . Die Umgebungen von Tabor (Wotitz, Tabor, Jung-Woschitz, Patzau, Pilgram und Cechtitz). (Tract.) 8vo. *Vienna*, 1858.
- . Geologische Uebersichtsaufnahme des Wassergebietes der Waag und Neutra. (Tract.) 8vo. *Vienna*, 1860.
- . Ueber die Kössener Schichten im nordwestlichen Ungarn. (Tract.) 8vo. *Vienna*, 1860.
- . Die neogen-tertiären Ablagerungen von West-Slavonien. (Tract.) 8vo. *Vienna*, 1862.
- . Die intermittirende Quelle von Stracená in Ober-Ungarn, nach Mittheilungen der Erwin Helm, W. Schubert, und A. Nowak. (Tract.) 8vo. *Vienna*, 1863.
- . Bericht über die geologische Uebersichtsaufnahme des südwestlichen Siebenbürgen im Sommer 1860. (Tract.) 8vo. *Vienna*, 1863.
- . Bemerkungen über die Geologie von Unter-Steiermark. (Tract.) 8vo. *Vienna*, 1864.
- . Bericht über die geologische Uebersichtsaufnahme im mittleren Theile Croatiens. (Tract.) 8vo. *Vienna*, 1864.
- . Die neogenen Ablagerungen im Gebiete der Mürz und Mur in Ober-Steiermark. (Tract.) 8vo. *Vienna*, 1864.
- . Einige Bemerkungen über die an der Grenze des Keupers gegen den Lias vorkommenden Ablagerungen. (Tract.) 8vo. *Vienna*, 1864.
- . Die geologische Karte der nordöstlichen Alpen. (Tract.) 8vo. *Vienna*, 1865.

- Stur** (Dionys). Vorkommen ober-silurischer Petrefacte am Erzberg und in dessen Umgebung bei Eisenerz in Steiermark. (Tract.)
8vo. *Vienna*, 1865.
- . Eine Excursion in die Dachschieferbrüche Mährens und Schlesiens und in die Schalsteinhügel zwischen Bennisch und Bärn. (Tract.)
8vo. *Vienna*, 1866.
- . Beiträge zur Kenntniss der Flora der Süsswasserquarze, der Congerien- und Cerithien-Schichten im Wiener und ungarischen Becken. (Tract.)
8vo. *Vienna*, 1867.
- . Fossile Pflanzenreste aus dem Schiefergebirge von Tergove in Croatien. (Tract.)
8vo. *Vienna*, 1867.
- . Beiträge zur Kenntniss der geologischen Verhältnisse der Umgegend von Raibl und Kaltwasser. (Tract.)
8vo. *Vienna*, 1868.
- . Bericht über die geologische Aufnahme im oberen Waag- und Gran-Thale. (Tract.)
8vo. *Vienna*, 1868.
- . Eine Excursion in die Umgegend von St. Cassian. (Tract.)
8vo. *Vienna*, 1868.
- . Bericht über die geologische Aufnahme der Umgebungen von Schmöllnitz und Göllnitz. (Tract.)
8vo. *Vienna*, 1869.
- . Die Bodenbeschaffenheit der Gegenden südöstlich bei Wien. (Tract.)
8vo. *Vienna*, 1869.
- . Ueber das Niveau der *Halobia Haueri*. Ein Beitrag zur Kenntniss der alpinen Trias. (Tract.)
8vo. *Vienna*, 1869.
- . Beiträge zur Kenntniss der Dyas- und Steinkohlenformation im Banate. (Tract.)
8vo. *Vienna*, 1870.
- . Beiträge zur Kenntniss der stratigraphischen Verhältnisse der marinen Stufe des Wiener Beckens. (Tract.)
8vo. *Vienna*, 1870.
- . Ueber zwei neue Farne aus den Sotzka-Schichten von Mötting in Krain. (Tract.)
8vo. *Vienna*, 1870.
- . Das Erdbeben von Klana im Jahre 1870. (Tract.)
8vo. *Vienna*, 1871.
- . Geologie der Steiermark.
8vo. *Graz*, 1871.
- Sturme**y (Capt.). See CATCOTT (George Symes).
- Stutchbury** (Samuel). Catalogue of his stock, consisting of shells, minerals, fossils, etc. (Tract.)
8vo. *London*, 1860.
- . See REPORTS, COLONIAL. New South Wales.
- Stütz** (Andreas). Versuche über die Mineralgeschichte von Oesterreich unter der Ems. 2 copies.
8vo. *Vienna*, 1783.
- . Neue Einrichtung der k.-k. Naturalien-Sammlung zu Wien.
8vo. *Vienna*, 1793.
- . Physikalisch-mineralogische Beschreibung des Gold- und Silber-Bergwerkes zu Szekerembe bey Nagyag in Siebenbürgen.
8vo. *Vienna*, 1803.
- Subiela** (Pedro). Informe sobre las minas de Punitaqui en Chile, en el año de 1792. (Tract.)
4to. *Santiago*, 1792.
- Suckow** (Georg Adolph). Anfangsgründe der Mineralogie.
8vo. *Leipzig*, 1790.
- . Descriptio Apophylliti et Coelestini. (Tract.)
8vo. *Jena*, 1831.
- . Vorschlag zu einem Goniometer. (Tract.)
8vo. *Leipzig*, 1837.
- . Beiträge zur Kenntniss Skandinaviens. (Tract.)
8vo. *Jena*, 1841.

- Sudlow** (J. J. J.). An Inaugural Address, delivered in the theatre of the Islington Literary and Scientific Society, on the opening of the new building in 1837. (Tract.) 8vo. London, 1837.
- Suess** (Eduard). Ueber die Brachiopoden der Kössener Schichten. (Tract.) 4to. Vienna, 1854.
- . Notice sur l'appareil brachial des Thécidées, traduit par F. A. de Marschall, et Observations sur le même sujet, par E. Deslongchamps. (Tract.) 4to. Caen, 1855.
- . Ueber *Meganteris*, eine neue Gattung von Terebratuliden. (Tract.) 8vo. Vienna, 1855.
- . Die Brachiopoden der Stramberger Schichten. (Tract.) Vienna and Olmutz, 1858.
- . Schreiben an Herrn Haidinger (über die Brachiopoden). 8vo. Vienna, 1859.
- . Sur le *Waldheimia Stoppanii* des pétrifications d'Esino. (Tract.) 4to. Milan, 1859.
- . Ueber die Wohnsitze der Brachiopoden. (Tracts.) 8vo. Vienna, 1859–60.
- . Einige Bemerkungen über die secundären Brachiopoden Portugals. (Tract.) 8vo. Vienna, 1860.
- . Remarks on the Distribution of the Brachiopoda, with an Introductory Note by Thomas Davidson. (Tract.) 8vo. London, 1860.
- . Ueber die Spuren eigenthümlicher Eruptionsercheinungen am Dachsteingebirge. (Tract.) 8vo. Vienna, 1860.
- . Faune du bassin néo-tertiaire de Vienne. Extrait. (Tract.) 8vo. Paris, 1861.
- . Ueber die grossen Raubthiere der österreichischen Tertiär-Ablagerungen. (Tract.) 8vo. Vienna, 1861.
- . Der Boden der Stadt Wien, nach seiner Bildungsweise, Beschaffenheit, und seinen Beziehungen zum bürgerlichen Leben. 8vo. Vienna, 1862.
- . Ueber die Verschiedenheit und die Aufeinanderfolge der tertiären Landfaunen in der Niederung von Wien. (Tract.) 8vo. Vienna, 1863.
- . Ueber Ammoniten. (Tract.) 8vo. Vienna, 1865.
- . Ueber die Cephalopoden-Sippe *Acanthoteuthis*, R. Wagn. (Tract.) 8vo. Vienna, 1865.
- . Untersuchungen über den Charakter der österreichischen Tertiärablagerungen. I. Ueber die Gliederung der tertiären Bildungen zwischen dem Mannhart, der Donau und dem äusseren Saume des Hochgebirges. II. Ueber die Bedeutung der sogenannten "brackischen Stufe" oder der "Cerithiensichten." (Tract.) 8vo. Vienna, 1866.
- . Ueber die Gliederung des vicentinischen Tertiärgebirges. (Tract.) 8vo. Vienna, 1868.
- . Ueber den Bau der italienischen Halbinsel. (Tract.) 8vo. Vienna, 1872.
- . Die Erdbeben Nieder-Oesterreich's. (Tract.) 4to. Vienna, 1873.
- . Die Erdbeben des südlichen Italien. (Tract.) 4to. Vienna, 1874.
- . Die Entstehung der Alpen. 8vo. Vienna, 1875.
- . See NOVARA EXPEDITION and OPPEL (Albert).

- Sullivan (W. K.) and O'Reilly (J. P.).** Notes on the Geology and Mineralogy of the Spanish Provinces of Santander and Madrid.
8vo. *London*, 1863.
- Sumner (Charles).** Speech on the Cession of Russian America to the United States. (Tract.)
8vo. *Washington*, 1867.
- Sumner (George Henry).** The Earth: Past, Present, and Future. (Tract.)
12mo. *London*, 1857.

Surveys: Geological, Ordnance, and others.

- Alabama.** Geological Survey of the State of Alabama.
Biennial Reports on the Geology. By M. Tuomey. I.—II. (No. I. in duplicate.)
8vo. *Tuskaloosa*, 1850–58.
Reports of Progress, for the years 1874 and 1876. By E. A. Smith.
8vo. *Montgomery, Al.*, 1875–76.
- Arkansas.** Geological Survey of the State of Arkansas.
Report (I.) of a Geological Reconnaissance of the Northern Counties of Arkansas, during the years 1857–58. By D. D. Owen.
8vo. *Little Rock*, 1858.
Report (II.) of a Geological Reconnaissance of the Middle and Southern Counties of Arkansas, during the years 1859–60.
By D. D. Owen.
8vo. *Philadelphia*, 1860.
- Austria.** Kais.-königliche geologische Reichsanstalt.
Abhandlungen. Band I. etc.
4to. *Vienna*, 1852 etc.
Jahrbuch. Jahrg. I. etc.
8vo. *Vienna*, 1850–18.
——. Register. Jahrg. I.—XX. 2 vols.
8vo. *Vienna*, 1863–72.
Catalog ihrer Ausstellungsgegenstände bei der Wiener Weltausstellung, 1873.
8vo. *Vienna*, 1873.
Verhandlungen. Jahrg. 1867, 1868, 1871, 1872, und 1874 etc.
8vo. *Vienna*, 1867 etc.
Geologische Uebersichtskarte der österreichisch-ungarischen Monarchie nach den Aufnahmen der k.-k. geologischen Reichsanstalt.
Blatt 1–12 (1, 2, 5, and 6 in duplicate), von Franz von Hauer.
8vo. *Vienna*, 1863–73.
K.-k. geol. Reichsanstalt in der Sitzung des hohen k.-k. verstärkten Reichsrathes am 14. September 1860. (Tract.)
8vo. *Vienna*, 1860.
See **HAIDINGER (W. von)**, **HAUER (F. von)**, and **LIBRARIES, CATALOGUES OF.**
- Belgium.** Commission de la Carte géologique de la Belgique.
Description de gîtes fossilifères dévoniens et d'affleurements du terrain crétacé; par C. Malaise.
4to. *Brussels*, 1879.
Notice explicative servant de complément à la carte géologique des environs de Lennick St. Quentin, par G. Velge.
8vo. *Brussels*, 1880.
Rapport sur le projet d'une nouvelle carte géologique de la Belgique.
8vo. *Brussels*, 1875.
See also **DEWALQUE (G.)**
Texte explicatif du levé géologique des planchettes d'Hoboken et de Contich, par P. van Ertborn, avec la collaboration de P. Cogels.
8vo. *Brussels*, 1880.

Bohemia. Landesdurchforschungs-Comité.

Archiv der naturwissenschaftliche Landesdurchforschung von Böhmen. Band I. etc. 8vo. *Prague*, 1869 etc.

Wirksamkeit der Beiden Comités für die naturwissenschaftliche Durchforschung von Böhmen. Jahres-Bericht. I. and II. in Jahren 1864-65. 8vo. *Prague*, 1865-66.

California. Geological Survey of the State of California.

Contributions to the Barometric Hypsometry; with tables for use in California. 4to. *Cambridge, Mass.*, 1874.

Botany. Vol. I. By W. H. Brewer, Sereno Watson, and Asa Gray. 4to. *Cambridge, Mass.*, 1876.

Geology. Vol. I. Report of Progress and Synopsis of Field-work from 1860-1864. By J. D. Whitney. 2 copies.

4to. *Cambridge, Mass.*, 1865.

Ornithology. Vol. I. By J. G. Cooper and S. F. Baird.

4to. *Cambridge, Mass.*, 1870.

Palæontology. Vols. I., II. (Vol. I. in duplicate). By F. B. Meek and W. M. Gabb.

4to. *Cambridge, Mass.*, 1864-69.

Yosemite Guide-Book.

8vo. *Cambridge, Mass.*, 1870.

— New edition.

12mo. *Cambridge, Mass.*, 1874.

See WHITNEY (J. D.).

Canada. British North-American Boundary Commission. See DAWSON (George M.)**Canada.** Geological Survey of Canada.

Figures and Descriptions of Canadian Organic Remains. By Sir W. E. Logan (Director), J. W. Salter, James Hall, E. Billings, and T. Rymer Jones. Decades I.-IV. (Decade II. in duplicate).

8vo. *Montreal*, 1858-65.

General Note on the Mines and Minerals of economic value of British Columbia, with a list of localities. By George M. Dawson. (Tract.)

8vo. *Montreal*, 1877.

(Papers):—1. Parallelism of the Quebec Group. Description of a new Species of *Harpes* &c. By E. Billings.—2. Description of a new Trilobite from the Quebec Group. By T. Devine.—3. On the Remains of the Fossil Elephant found in Canada. By E. Billings. (Tract.)

8vo. *Montreal*, 1863.

Palæozoic Fossils. By E. Billings. Vol. I. 1865, and Vol. II. pt. 1, 1874.

8vo. *Montreal*, 1865-74.

Catalogue of the Silurian Fossils of the Island of Anticosti, with descriptions of some new genera and species. By E. Billings.

8vo. *Montreal*, 1866.

Reports of Progress [by the Directors, Sir W. E. Logan, and afterwards A. R. C. Selwyn] for the years 1844-45 to 1877-78. (Reports for 1844-45, 1845-46, 1848-49 to 1851-52, and 1852-53 to 1868-69 are in duplicate or triplicate.)

8vo. *Montreal*, 1846-78.

— Plans of various Lakes and Rivers between Lake Huron and the River Ottawa, to accompany the Geological Reports for 1853-54-55-56. 2 copies.

Fol. *Toronto*, 1857.

Report of the Select Committee [on the Survey]. (Tract.)

8vo. *Quebec*, 1855.

Canada. Geological Survey of Canada.

Report on the Fossil Plants of the Lower-Carboniferous and Millstone-Grit formations of Canada. By J. W. Dawson.

8vo. *Montreal*, 1873.

Report on the North Shore of Lake Huron. (Tract.) 2 copies.

8vo. *Montreal*, 1846.

List of Publications. (Tract.)

8vo. *Montreal*, 1873.

Colorado. See UNITED STATES.**Connecticut.** Geological Survey of the State of Connecticut.

Report on the Geological Survey. By C. U. Shepard. (Tract.)

8vo. *New Haven*, 1837.

Report on the Geology of the State. By J. G. Percival.

8vo. *New Haven*, 1842.

England and Wales. Geological Survey of England and Wales.

Memoirs, published separately.

8vo. *London*, 1839–79.

Altrincham, Cheshire, country round (80). By E. Hull. 1861.

Banbury, Woodstock, Bicester, and Buckingham (45). The geology of the country round. By A. H. Green. 8vo. *London*, 1864.

Berkshire and Hampshire (12). By H. W. Bristow and W. Whitaker. 1862.

Blackpool, Poulton, and Fleetwood. The geology of the country round (91 S.W.). By C. E. De Rance. 1875.

Bradford and Skipton, the geology of the county between (92 S.E.). By J. R. Dakyns, C. Fox-Strangways, R. Russell, and W. H. Dalton. 1879.

Brent Tor and its neighbourhood, the eruptive rocks of, included in sheet 25 of the 1-inch map; with some introductory remarks on the application of the microscope to petrological research. By F. Rutley. 1878.

Burnley Coalfield, the geology of the, and of the country around Clitheroe, Blackburn, Preston, Chorley, Haslingden, and Todmorden. By J. R. Dakyns, R. H. Tiddeman, J. C. Ward, W. Gunn, and C. E. de Rance. Tables of fossils, by R. Etheridge. 1875.

Cheltenham, country around. By E. Hull. 1857.

Colchester (48 S.W.), the geology of the neighbourhood. By W. H. Dalton. 1880.

Cornwall, Devon, and West Somerset. By Sir H. T. De la Beche. 1839.

Cornwall, Devon, and West Somerset Palæozoic Fossils. By J. Phillips. 1841.

Derbyshire and parts of Yorkshire. By A. H. Green, C. Le N. Foster, J. R. Dakyns, and R. Etheridge. 1869.

Dewsbury, Huddersfield, and Halifax (88). By A. H. Green, J. R. Dakyns, J. C. Ward, and R. Russell. 1871.

Essex (Walton Naze and Harwich), the geology of the eastern end (48 S.E.). By W. Whitaker. 1877.

Fenland. By S. B. J. Skertchly. 1879.

Folkestone and Rye (4), country between, including Romney Marsh. By F. Drew and R. Etheridge. 1864.

Furness (91), southern part. By W. T. Aveline. 1873.

England and Wales. Geological Survey of England and Wales.

Memoirs, published separately.

Harrogate (93), country North and East. By C. Fox-Strangways. 1873.

Isle of Wight (10), Tertiary fluvio-marine formation of. By E. Forbes. 1856.

— (10). By H. W. Bristow and R. Etheridge; and Notes on the Eocene Flora of Alum Bay, by P. De la Harpe and J. W. Salter. 1862.

Kendal, Sedbergh, Bowness, and Tebay. By W. T. Aveline and T. M^cK. Hughes. 1872.Kirkby Lonsdale and Kendal (98). By W. T. Aveline, T. M^cK. Hughes, and R. H. Tiddeman. 1872.

Lake District, the geology of the northern part of the English (101 S.E.). By J. Clifton Ward, with an appendix on new species of fossils, by R. Etheridge. 1876.

Lancashire, country adjoining the Coasts of the South-west of. By C. E. De Rance and R. Etheridge. 1877.

Leeds (93), Carboniferous Rocks North and East of, and Permian and Triassic Rocks about Tadcaster. By W. T. Aveline, A. H. Green, J. R. Dakyns, J. C. Ward, and R. Russell. 1870.

Leicestershire Coal-field, and country round Ashby-de-la-Zouch. By E. Hull. 1860.

Liverpool and Southport (90), country between. By C. E. De Rance. 1869.

London and the neighbourhood, Guide to the Geology of. By W. Whitaker. 1875.

— ——. 2nd edition. 1875.

— ——. 3rd edition. 1880.

Middlesex, Hants, Bucks, Berks, and Surrey (7), parts of. By W. Whitaker. 1864.

Midland Counties, Triassic and Permian Rocks of the. By E. Hull. 1869.

Northamptonshire, the geology of part of (53 S.E.) By W. T. Aveline and R. Trench. 1860.

Northamptonshire and Warwickshire (53), parts of. By W. T. Aveline and R. Etheridge. 1861.

Nottingham (71), country around. By W. T. Aveline. 1861.

Nottinghamshire and Derbyshire (82), parts of. By W. T. Aveline. 1861.

— ——. 2nd edition. 1880.

Nottinghamshire, Yorkshire, and Derbyshire (82), parts of. By W. T. Aveline. 1861.

— ——. 2nd edition. 1880.

Oldham (88), including Manchester and suburbs. By E. Hull and J. W. Salter. 1863.

Oxfordshire and Berkshire (13), parts of. By E. Hull, W. Whitaker, and R. Etheridge. 1861.

Preston, Lancashire, the geology of the country around (80 N.W.). By E. Hull. 2nd edition. 1865.

England and Wales. Geological Survey of England and Wales.

Memoirs, published separately.

Rutland, and parts of Lincoln, Leicester, Northampton, Huntingdon, and Cambridge (64), with an Essay on the Classification and Correlation of the Jurassic Rocks of the Midland District of England. By J. W. Judd and R. Etheridge. 2 copies. 1875.
Scarborough, the geology of the Oolitic and Cretaceous rocks south of (95 S.E. and S.W.). By C. Fox-Strangways. 1880.

Somerset (East) and the Bristol Coal-fields. By H. B. Woodward, II. W. Bristow, W. A. E. Ussher, J. H. Blake, and R. Etheridge. With Appendix, on the Microscopic Characters of Eruptive Rocks, by F. Rutley. 1876.

Staffordshire (North): explanations of Horizontal Sections, sheets 41 and 42. By Edward Hull. No date.

Staffordshire (South) Coal-field. By J. B. Jukes. 2nd edition. 1859.

Stockport, Macclesfield, Congleton, and Leek, the geology of the country round (81 N.W. and S.W.). By E. Hull and A. H. Green. 1866.

Warwickshire Coal-field. By H. H. Howell. 1859.

Weald: parts of the Counties of Kent, Surrey, Essex, and Hants. By W. Topley and R. Etheridge. 2 copies. 8vo. 1875.

Wiltshire and Gloucestershire (34), parts of. By A. C. Ramsay, W. T. Aveline, E. Hull, and R. Etheridge. 1858.

Woodstock (45), country round. By E. Hull and R. Etheridge. 1859.

Yorkshire Coal-field, part of the. By A. H. Green, A. R. Dakyns, J. C. Ward, C. Fox-Strangways, W. H. Dalton, R. Russell, and T. V. Holmes.

Yorkshire Coal-field (88), part of the. By A. H. Green, J. R. Dakyns, and J. C. Ward. 1869.

On the Manufacture of Gun-flints, the methods of excavating for Flint, the age of Palæozoic Man, and the connexion between Neolithic art and the Gun-flint trade. By S. B. J. Skertchly.

8vo. *London*, 1879.

Finland. Finlands Geologiska Undersökning.

Beskrifning till kardbladet, No. 1, af K. Ad. Moberg.

8vo. *Helsingfors*, 1879.

France. [Commission de la Carte géologique de la France.]

Carte géologique détaillée de la France. Explications 1^{er} cahier. Feuille 48: Paris. 8vo. *Paris*, 1873.

——. Généralités, B, C, et D (I., II., et III.). (Tracts.) 8vo. *Paris*, 1874.

——. Mémoires. No. 1. Le Pays de Bray, par M. de Lapparent. 8vo. *Paris*, 1873.

Great Britain. Geological Survey of Great Britain and Ireland.

Annual Reports of the Director-General for the years 1856–1859.

8vo. *London*, 1856–59.

Catalogue of the Maps, Horizontal and Vertical Sections, and other publications . . . to June 1863. (Tract.) 8vo. *London*, 1863.

——, to March 1865. (Tract.) 8vo. *London*, 1865.

Memoirs. Vols. I.–IV. (Vol. III. in duplicate). 8vo. *London*, 1846–72.

Great Britain. Geological Survey of Great Britain and Ireland.

Memoirs. The Iron Ores of Great Britain. Part I. The Iron Ores of the North and North Midland Counties of England. (Tract.)

8vo. London, 1856.

——. Figures and descriptions illustrative of British Organic Remains. Decades I.–XIII. (1, 3, 4, 5, Echinoderms; 2, 7, 11, Trilobites; 6, 8, 10, 13, Fish; 12, Crossopterygian Ganoids.) By E. Forbes, J. W. Salter, S. P. Woodward, Sir P. de M. G. Egerton, A. Günther, and T. H. Huxley. (Decade VI. in triplicate, X. and XII. in duplicate.) 4to. London, 1849–72.

——. Monographs I.–IV. (1, Genus *Pterygotus*; 2, Structure of the Belemnitidæ; 3, Crocodilian remains found in the Elgin Sandstone; 4 (2 copies), Chimæroid Fishes of the British Cretaceous Rocks.) By T. H. Huxley, J. W. Salter, and E. T. Newton.

4to. London, 1859–78.

——. Mining Records. Mineral Statistics of the United Kingdom, embracing the annual produce of Tin, Copper, Lead, Silver, Iron, Coals, and other Minerals, for 1855, 1857, 1858 (Parts 1 & 2), and 1867–1873. By Robert Hunt.

8vo. London, 1856–74.

See ENGLAND AND WALES, IRELAND, and SCOTLAND for other publications of the Survey of Great Britain.

Great Britain. Museum of Practical Geology.

Arrangement of the Fossils and Rock-specimens in the Galleries. (Tract.) 4to. London, 1853.

Catalogue of the Collection of Fossils. By T. H. Huxley and R. Etheridge. 8vo. London, 1865.

Catalogue of the Library of the M. P. G. and Geological Survey, compiled by Henry White and Thomas W. Newton.

8vo. London, 1878.

Catalogue of Specimens illustrative of the Composition and Manufacture of British Pottery and Porcelain, from the occupation of Britain by the Romans to the present time. By Sir H. de la Beche and Trenham Reeks.

8vo. London, 1855.

Catalogue of the Cambrian and Silurian Fossils.

8vo. London, 1878.

Catalogue of the Cretaceous Fossils.

8vo. London, 1878.

Catalogue of the Tertiary and Post-Tertiary Fossils.

8vo. London, 1878.

Descriptive Catalogue of the Geological, Mining, and Metallurgical Models. By H. Bauerman.

8vo. London, 1865.

Descriptive Catalogue of the Rock-specimens. By A. C. Ramsay, H. W. Bristow, and H. Bauerman.

8vo. London, 1858.

——. 2nd edition. By A. C. R., H. W. B., H. B., and A. Geikie.

8vo. London, 1860.

——. 3rd edition. By the same authors.

8vo. London, 1862.

Descriptive Guide. By Robert Hunt.

8vo. London, 1857.

See also REPORTS, PARLIAMENTARY; DE LA BECHE (Sir H. T.); PHILLIPS (John); and PLAYFAIR (L.).

Great Britain. School of Mines and of Science applied to the Arts.

(Prospectus of the) 2nd Session, 1852–53. (Tract.)

8vo. London, 1852.

- Great Britain.** School of Mines and of Science applied to the Arts.
Records. Vol. I. (Part 1 in duplicate). 8vo. *London*, 1852-53.
- Great Britain.** Ordnance [Trigonometrical] Survey of Great Britain and Ireland.
Abstracts from the Meteorological Observations taken at the Stations of the Royal Engineers in the years 1853-1859. With a brief discussion of some of the results, and Notes on Meteorological subjects. Edited by Sir H. James. (1853-54 in duplicate.) 4to. *London*, 1855-62.
- Abstracts of the principal lines of Spirit-levelling in England and Wales. By Sir H. James. Text and plates. 4to. *London*, 1861.
- Abstracts of the principal lines of Spirit-levelling in Scotland. By Sir H. James. 4to. *London*, 1863.
- Abstracts from the Meteorological Observations taken in the years 1860-61, at the Royal Engineer Office, New Westminster, British Columbia. By Sir Henry James. (Tract.) 8vo. *London*, 1862.
- Account of the Measurement of the Lough Foyle Base in Ireland. By Capt. William Yolland. 4to. *London*, 1847.
- Account of the Observations and Calculations of the principal Triangulation; and of the figures, dimensions, and mean specific gravity of the Earth, as derived therefrom. Drawn up by Capt. Alex. R. Clarke, under the direction of Sir H. James. Text and plates. 2 vols. 4to. *London*, 1858.
- Alphabetical List of the Altitudes of the Stations, and several other remarkable hills, computed from the observations made in the course of the Trigonometrical Survey. (Tract.) 4to. *London*, 1811.
- Astronomical Observations made with Ramsden's Zenith Sector, together with a Catalogue of the Stars which have been observed and the Amplitudes of the Celestial Arcs, deduced from the observations at the different Stations. 4to. *London*, 1842.
- Catalogue of the Maps and Plans and other Publications of the . . . Survey of England and Wales, to 31 December, 1862. (Tract.) 8vo. *London*, 1863.
- Catalogue of the Maps and Plans and other Publications of the . . . Survey of Ireland, to 31 December, 1862. (Tract.) 8vo. *London*, 1863.
- Catalogue of the Maps and Plans and other Publications of the . . . Survey of Scotland, to 31 December, 1862. (Tract.) 8vo. *London*, 1863.
- Meteorological Charts. 1861. 4to. *London*, 1862.
- Observations on days of unusual Magnetic Disturbance, made at the British Colonial Magnetic Observatories, under the departments of the Ordnance and Admiralty. Printed under the superintendence of Edward Sabine. Vol. I., Part 2. 4to. *London*, 1851.
- Ordnance Survey of the County of Londonderry. By Thomas Colby. Vol. I. 4to. *Dublin*, 1837.
- See also REPORTS, PARLIAMENTARY, Ordnance Survey; and WILLIAMS (Edward), &c.

Guiana, British. Geological Survey of British Guiana.

Reports of the Geological Survey of British Guiana, taken from the 'Colonist' newspaper, December 1869. 8vo. *Demerara*, 1870.

Hesse. Geologische Specialkarte des Grossherzogthums Hessen und der angrenzenden Landesgebiete im Maasstabe 1 : 50000. Herausgegeben vom mittelhheinischen geologischen Verein.

Mittheilungen: Sectionen Allehdorf-Treis (14) von E. Dieffenbach und R. Ludwig, 1870; Alsfeld (13) von R. Ludwig, 1869; Alzey (10) von R. Ludwig, 1866; Biedenkopf (16) von R. Ludwig, 1871; Büdingen (3) von R. Ludwig, 1857; Darmstadt (9) von R. Ludwig, 1864; Dieburg (6) von F. Becker und R. Ludwig, 1861; Erbach (8) von P. Siebert und R. Ludwig, 1863; Friedberg (1) von R. Ludwig, 1855; Giessen (2) von H. Dieffenbach, 1856; Gladenbach (15) von R. Ludwig, 1870; Herbstein-Fulda (7) von H. Tasche und W. C. J. Gutberlet, 1863; Lauterbach-Altenschlirf (12) von H. Tasche, W. C. J. Gutberlet und R. Ludwig, 1869; Mainz (11) von A. Grooss, 1867; Offenbach-Hanau-Frankfurt (4) von G. Theobald und R. Ludwig, 1858; Schotten (5) von H. Tasche, 1859; Worms (17) von R. Ludwig, 1872.

8vo. *Darmstadt*, 1858-72.

Holland. Commissie voor de Geologische Kaart van Nederland.

Verhandelingen. Deel I., II.

4to. *Haarlem*, 1853-54.

See STARRING (W. C. H.).

Hungary. Magyar királyi földtani intézet. (Hungarian Royal Geological Bureau.)

Evkönyvek (Annals). Köt. I., II. (1, 2), III. (1, 2, 4), IV. (1-3). (4 vols., imperfect.)

8vo. *Pesth*, 1871-76.

Mittheilungen aus dem Jahrbuche. Band I. (1, 2), II. (1), III. (1, 3), IV. (1-3), V. (1, 2), VI. (1). (6 vols., imperfect.)

8vo. *Pesth*, 1872-77.

Illinois. Geological Survey of the State of Illinois.

Geology and Palæontology. [A. H. Worthen, Director.] 2 vols.

4to. *Chicago*, 1866.

See also IOWA &c.

India. Geological Survey of India.

Annual Reports for the Seasons 1848-9 and 1859-67. (Tracts.)

8vo. *Calcutta*, 1850-68.

Catalogue of the Meteorites in the Museum. (Tract.)

8vo. *Calcutta*, 1866.

Catalogue of the organic remains belonging to the Cephalopoda in the Museum. (Tract.)

8vo. *Calcutta*, 1866.

Catalogue of the organic remains belonging to the Echinodermata in the Museum. (Tract.)

8vo. *Calcutta*, 1865.

Memoirs. Vols. I. etc.

8vo. *Calcutta*, 1856 etc.

——. Palæontologia Indica. Vols. I. etc.

4to. *Calcutta*, 1851 etc.

Records. Vols. I. etc.

8vo. *Calcutta*, 1870 etc.

——. Contents and Index of the first Ten Volumes, 1868-1877.

8vo. *Calcutta*, 1878.

India. Great Trigonometrical Survey of India.

Tables of Heights in Sind, the Punjab, N.W. Provinces, and Central India, to May 1862.

8vo. *Calcutta*, 1863.

India. Great Trigonometrical Survey of India.

Tables of Heights in N.W. Provinces and Bengal, to May 1865.

8vo. *Roorkee*, 1866.

See REPORTS, COLONIAL, ETC. India.

Indiana. Geological Survey of the State of Indiana.

Annual Reports. I.—VI. and VIII.—X. (Reports I., III., and IV. in duplicate). 1869–1878.

8vo. *Indianapolis*, 1869–79.**Iowa.** Geological Survey of the State of Iowa.

Report during portions of the years 1855–57. Vol. I. parts 1, 2.

By James Hall and J. D. Whitney. 8vo. *Albany*?, 1858.

Report (of) Observations made within the years 1866–1869. By C. A. White, O. H. St. John, and R. Emery. 2 vols.

8vo. *Des Moines*, 1870.**Iowa &c.** Geological Exploration of part of Iowa, Wisconsin, and Illinois.

Report, by D. D. Owen.

8vo. *Washington*, 1840.

See also WISCONSIN.

Ireland. Geological Survey of Ireland.

Explanations to accompany Maps: Sheets Nos. 100–102, 110–112, 114, 119 (dupl.), 122–125, 128, 140, 141 (dupl.)–144, 145 (dupl.)–149, 150 (dupl.), 151 (dupl.), 152 (dupl.), 153, 155–157, 160–165, 167, 168, 171, 172 (dupl.), 174–179, 182–184 (dupl.), 190, 191, 199, 200, 203–205; and Quarter-sheets Nos. 35 S.E., 45 S.W., 45 S.E., and 46 N.W.

8vo. *Dublin*, 1858–65.

See also PORTLOCK (J. E.).

Italy. Real Comitato Geologico (del regno) d'Italia.

Bollettino. Vols. I., etc.

8vo. *Florence*, 1870 etc.

Cenni sul lavoro della carta geologica. 1876. (Tract.)

8vo. *Rome*, 1877.**Japan.** Geological Survey of Japan.

Report on the second year's progress of the Survey of the Oil-lands of Japan. By B. S. Lyman. (Tract.)

8vo. *Tokai*, 1878.

Reports of Progress for 1878–1879. By B. S. Lyman.

8vo. *Tokai*, 1879.**Japan.** Geological Survey of Hokkaido.

Yesso Coals. By H. S. Monro. (Tract.)

8vo. *Tokai*, 1874.**Kentucky.** Geological Survey of the State of Kentucky.

Reports. Vols. I.–IV., with maps and Illustrations. By D. D. Owen.

8vo. *Frankfort, Ky.*, 1856–61.**Maine.** Geological Survey of the State of Maine.

Reports on the Geology, by Charles T. Jackson. I.–II. (No. 1 in duplicate).

8vo. *Augusta*, 1837–38.**Maine.** Board of Agriculture Scientific Survey of the State of Maine.

Annual Report upon the Natural History and Geology. By E. Holmes and C. Hitchcock. II. 1862.

8vo. *Augusta*, 1863.**Maine &c.** (Survey of the Public Lands belonging to the two States of Maine and Massachusetts.)

Annual Report (2nd). By C. T. Jackson. (Tract.) 2 copies.

8vo. *Augusta*, 1838.**Maryland.** Geological Survey of the State of Maryland.

Annual Report of the Geologist, J. T. Ducatel, 1840. (Tract.)

8vo. *Baltimore*, 1841.

Massachusetts. Geological Survey of the State of Massachusetts.

Reports on the Geology, Mineralogy, Botany, and Zoology of Massachusetts. By E. Hitchcock. 8vo. *Amherst*, 1833.

Report on the Geology, Mineralogy, Botany, and Zoology. By Edward Hitchcock. 2nd edition. 8vo. *Amherst*, 1835.

Final Report on the Geology. By E. Hitchcock. 4to. *Amherst and Northampton, U. S.*, 1841.

Zoological Survey of the State of Massachusetts. Reports of the Commissioners, 1837–38. (Tract.) 8vo. *Boston*, 1838.

Michigan. Geological Survey of the State of Michigan.

Report on the Geological and Mineralogical Survey of the mineral lands of the United States in the State of Michigan, 1849. By C. T. Jackson. 8vo. *Washington*, 1849.

Report on the Geology and Topography of a portion of the Lake Superior Land District. By J. W. Foster and J. D. Whitney. 8vo. *Washington*, 1850.

Biennial Report of Progress. No. 1. 8vo. *Lansing*, 1861.

——. Report on the Progress of the State Geological Survey of Michigan. (Tract.) By A. Winchell. 8vo. *Lansing*, 1871.

Upper Peninsula. 1869–1873. By T. B. Brooks, R. Pumpelly, and C. Rominger. Vols. I.–III. 8vo. *New York*, 1873–76.

Minnesota. Geological and Natural-History Survey of the State of Minnesota.

Annual Reports. I., II., and V. (1872, 1873, and 1876). By N. H. Winchell, S. F. Peckham, &c. 8vo. *Saint Paul*, 1873–77.

Peat for Domestic Fuel. By S. F. Peckham. (Tract.) 8vo. *Minneapolis*, 1874.

See also WISCONSIN.

Mississippi. Geological Survey of the State of Mississippi.

Report on the Agriculture and Geology. By B. L. C. Wailes. 8vo. . . . 1854.

Missouri. Geological Survey of the State of Missouri.

Annual Reports I., II., and IV. By G. C. Swallow. (Nos. I. & II. in duplicate.) 8vo. *Jefferson City*, 1855–59.

• Reports, 1855–1871. By G. C. Broadhead, F. B. Meek, and B. F. Shumard. 8vo. *Jefferson City*, 1873.

Report, including Field-work of 1873–1874. By G. C. Broadhead, State Geologist. 8vo. *Jefferson City*, 1874.

Report (Preliminary) on the Iron Ores and Coal-fields, from the Field-work of 1872. 8vo. *New York*, 1873.

Report (Geological) of the Country along the line of the South-western branch of the Pacific Railroad, State of Missouri. 8vo. *St. Louis*, 1859.

Nebraska. See WISCONSIN.**New Brunswick.** Geological Survey of New Brunswick.

Reports I.–IV. By Abraham Gesner. 8vo. *St. John*, 1839–42.

Report (Preliminary) on the Geology of New Brunswick, together with a special Report on the distribution of the “Quebec Group” in the Province. By H. Y. Hind. 8vo. *Fredericton*, 1865.

Newfoundland. Geological Survey of Newfoundland.

General Report of the . . . Survey . . . executed during the years 1839 and 1840. By J. B. Jukes. (Tract.) 8vo. *London*, 1843.

Newfoundland. Geological Survey of Newfoundland.

Reports [of progress] for the years 1869, 1871-1874, and 1876-1878 (the last accompanied by a Report of Trigonometrical Survey of Notre Dame Bay in 1877-78, by J. P. Howley). By A. Murray. (Tracts.) 8vo. *St. John's, N. F.*, 1870-79.

New Hampshire. Geological Survey of the State of New Hampshire.

Annual Report, No. 1. By C. T. Jackson. (Tract.)

8vo. *Concord, N. H.*, 1841.

Report (Final) on the Geology and Mineralogy. By Charles T. Jackson. 4to. *Concord, N. H.*, 1844.

Report for the year 1870. By C. H. Hitchcock.

8vo. *Nashua*, 1871.

The Geology of New Hampshire. A Report comprising the results of Explorations ordered by the Legislature. By C. H. Hitchcock, J. H. Huntingdon, W. Upham, and G. W. Hawes. Vols. I.-IV. 8vo. *Concord*, 1874-78.

Atlas accompanying the Report on the Geology. By C. H. Hitchcock. Fol. *New York*, 1878.

New Jersey. Geological Survey of the State of New Jersey.

Annual Reports of the State Geologist (G. H. Cook) for 1869, 1874, and 1877-1879. 8vo. *Trenton, N. J.*, 1870-79.

Description of the Geology of the State. Final Report. By H. D. Rogers. 8vo. *Philadelphia*, 1840.

Geology of New Jersey. By G. H. Cook. 8vo. *Newark*, 1868.

Report on the Clay Deposits of Woodbridge, South Amboy, and other places in New Jersey. By G. H. Cook.

8vo. *Trenton, N. J.*, 1878.

New South Wales. Geological Surveys. See REPORTS, COLONIAL, ETC. New South Wales.**New York.** Geological Survey of the State of New York.

Reports, 1837-1840. 8vo. *New York*, 1837-40.

Reports on the various departments of the Survey. (Tract.)

8vo. *New York*, 1838.

New York. Natural History of New York (*afterwards* issued by the Geological Survey of New York).

Part I. Zoology. By James E. De Kay. 5 vols.

4to. *New York*, 1842-43.

Part II. Botany. By John Torrey. 2 vols.

4to. *New York*, 1843.

Part III. Mineralogy. By L. C. Beck. 1 vol.

4to. *New York*, 1842.

Part IV. Geology. By W. W. Mather, E. Emmons, L. Vanuxem, and James Hall. 4 vols.

4to. *New York*, 1843.

Part V. Agriculture. By E. Emmons. 4 vols. and plates.

4to. *New York*, 1851-54.

Part VI. Palæontology. By James Hall. 4 vols and plates.

4to. *Albany*, 1847-67.

New Zealand. Colonial Museum and Laboratory of the Geological Survey of New Zealand.

Catalogue of the Museum.

8vo. *Wellington*, 1870.

Reports, 1866-67 etc.

8vo. *Wellington*, 1867 etc.

New Zealand. Geological Survey of New Zealand.

A Volume [8vo. *Wellington*, 1866–69], without titlepage, having the following “Table of Contents”:—

Hector (J.). First General Report on Coal-deposits of New Zealand. 1866.

Hutton (F. W.). Geological Report on the Lower Waikato District. 1867.

——. Geological Report on the Thames Gold-field. 1867.

Reports of Progress for 1866–67 and 1868–69 &c. 1867–1869.

Meteorological Report. Abstract of all Returns for New Zealand prior to 1868. 1869.

Extracts from “New-Zealand Exhibition, Jurors’ Report,” 1865.

——, 1866.

Abstract Report on the progress of the . . . Survey . . . during 1866–67. (Tract.) Fol. *Wellington*, 1867.

CATALOGUES:—

Cox (Dr.) and Scott (A. W.). Land Mollusca of New Zealand, with descriptions of the species. 8vo. *Wellington*, 1873.

Hutton (F. W.). Echinodermata of New Zealand, with diagnoses of the species. 8vo. *Wellington*, 1872.

——. Marine Mollusca of New Zealand, with diagnoses of the species. 8vo. *Wellington*, 1873.

——. Tertiary Mollusca and Echinodermata of New Zealand, in the collection of the Colonial Museum. 8vo. *Wellington*, 1873.

Martens (E. von). Mollusca of New Zealand contained in European collections, with reference to descriptions, etc. 8vo. *Wellington*, 1873.

Map of the Buller Coal Field, by W. M. Cooper.

Fol. *Wellington*, 1876.

Reports of Geological Explorations, 1870 etc.

8vo. *Wellington*, 1871 etc.

New Zealand. See REPORTS, COLONIAL, ETC. New Zealand.

Ohio. Geological Survey of the State of Ohio.

Annual Reports I. & II. By W. W. Mather, etc. (Tracts.)

8vo. *Columbus*, 1837.

Reports of Progress in 1869 and 1870 (including reports by J. S. Newberry, E. B. Andrews, E. Orton, J. H. Klippart, T. G. Wormley, G. K. Gilbert, M. C. Read, Henry Newton, and W. B. Potter). 2 vols. 8vo. *Columbus*, 1871.

Report, by J. S. Newberry, etc. Geology and Palæontology. Vol. I. part 2, Vol. II. parts 1 & 2, Vol. III. part 1.

8vo. *Columbus*, 1873–78.

Oregon. See CALIFORNIA.

Pennsylvania. Geological Exploration of the State of Pennsylvania.

Annual Reports I.–V. (II. & III. 3 copies, IV. & V. 2 copies). By H. D. Rogers. 8vo. *Harrisburg*, 1836–41.

The Geology of Pennsylvania. A Government Survey. By H. D. Rogers. 4 vols., text and atlas.

4to. *London and Philadelphia*, 1843.

Pennsylvania. Second Geological Survey of Pennsylvania.

Report of Progress in the Green and Washington District of the Bituminous Coal-fields of Western Pennsylvania. By J. J. Stevenson. 8vo. *Harrisburg*, 1876.

Report of Progress in the Fayette and Westmoreland District of the Bituminous Coal-fields of Western Pennsylvania. By J. J. Stevenson. Parts I. & II. 2 vols.

8vo. *Harrisburg*, 1877-78.

Portugal. Comissão Geologica de Portugal.

Da existencia do homern no nosso solo en tempos mui remotos provada pelo estudo das cavernas. Primeiro opusculo. Noticia ácerca das grutas da Cesareda por J. F. N. Delgado, com a versão em franceza por M. Dalhuny. 4to. *Lisbon*, 1867.

Descripção do terreno quaternario das bacias dos Rios Tejo e Sado, por Carlos Ribeiro, com a versão franceza por M. Dalhuny.

4to. *Lisbon*, 1866.

Memoria Geologica sobre os terrenos de Curral-Alto, e Sêrro do Roque na Provincia de S. Pedro do Sul, por F. A. de V. A. Pereira Cabral. 8vo. *Porto Alegre*, 1851.

Flora fossil do terreno carbonifero das visinhanças do Porto, Serra do Bussaco, e Moinho d'Ordem proximo a Alcacer do Sal, por B. A. Gomes. (Tract.) 4to. *Lisbon*, 1865.

Prussia. Königliche Oberbergamt (Preussens).

Einleitende Bemerkungen zu der geologischen Specialkarte, etc. (Tract.) 8vo. *Berlin*, 1870.

Abhandlungen zur geologischen Specialkarte von Preussen und den thüringischen Staaten. Band I. u. II. Text and Atlas.

4to. *Berlin*, 1872-78.

Erläuterungen zur geologischen Specialkarte, etc. Nos. 4-6, 11, 12, 16, 17, 18, 22, 23, 24, 28, 29, 30, 38-42, 44-47, 51-53, 58, 59, 237-239, 245, 246, 255-257, 263, 274-276, 295-297, 327-330, 341-344 und 357-360. (Tracts.) 8vo. *Berlin*, 1870 etc.

Queensland. Geological Survey of Queensland.

Bowen River Coal-fields. (Tract.) Fol. *Brisbane*, 1879.

Coal between Dalby and Roma. By A. C. Gregory.

4to. *Brisbane*, 1879.

Geological features of part of the Coast-range between the Dalrymple and Charters Towers Roads. (Tract.) Fol. *Brisbane*, 1879.

Geological features of the South-eastern Districts of the Colony of Queensland. Report by A. C. Gregory. 4to. *Brisbane*, 1879.

Geological Survey of Northern Queensland. On the progress of the search for Coal in the Cook District. By R. L. Jack.

4to. *Brisbane*, 1879.

——. 2nd Report.

4to. *Brisbane*, 1879.

Report on the Burrum Coal Mines. (Tract.) Fol. *Brisbane*, 1879.

Report on the Geology and Mineral Resources of the District between Charters Towers Gold-fields and the Coast. By R. L. Jack. 4to. *Brisbane*, 1879.

Report on the Bowen River Coal-field. By R. L. Jack.

Fol. *Brisbane*, 1872.

Rhode Island. Geological and Agricultural Survey of the State of Rhode Island. Report, by C. T. Jackson.

8vo. *Providence*, 1840.

Saxony. Geologische Landesuntersuchung des Königreiches Sachsen.

Die geologische und mineralogische Literatur des Königreiches Sachsen von 1835 bis 1873, von A. Jentzsch. 8vo. *Leipzig*, 1874.

Erläuterungen. Blatt 44, 46, 59–62, 77, 94–96, 111, 112, 114 und 127. 8vo. *Leipzig*, 1877–79.

Kurze Uebersichten der auf Sectionen V.–VII., X.–XII., XIV.–XVI. und XVIII.–XX. der geognostischen Charte des Königreiches Sachsen und der angränzenden Landesabtheilungen dargestellten Gebirgsverhältnisse. 8vo. *Freiberg*, 1838–43.

Die geologische und mineralogische Literatur von 1835 bis 1873. Von Dr. Alfred Jentzsch. 8vo. *Leipzig*, 1874.

Scotland. Geological Survey of Scotland.

Memoirs. Vol. I. Part 1. The Geology of the neighbourhood of Edinburgh. By H. H. Howel and Archibald Geikie. With Appendix and Lists of Fossils, by J. W. Salter (Memoir on Map 32). 1861.

———. Part 2. The Geology of Eastern Berwickshire. By Archibald Geikie (Memoir on Map 34). 1863.

———. Part 3. The Geology of East Lothian, including parts of the counties of Edinburgh and Berwick. By H. H. Howell, A. Geikie, and John Young. With an Appendix on the Fossils, by J. W. Salter (Memoir on Map 33).

8vo. *London*, 1861–66.

Spain. Comision del mapa geológico de España.

Boletin. Tomo I. etc.

8vo. *Madrid*, 1874 etc.

Memorias, 1875 etc.

8vo. *Madrid*, 1875 etc.

Sweden. Sveriges geologiska Undersökning.

AFHANDLINGAR OCH UPPSATSER.

Underdånig berättelse om en på nådig befallning år 1875 företagen undersökning af Malmfyndigheter inom Gellivare ok Jukkasjärvi socknar af Norrbottens län, jemte bilagor och utdrag ur öfriga hithörande handlingar. Med 5 kartor. (Afh. 23.) 4to. *Stockholm*, 1877.

Blomberg (A.) and Lindström (A.). Praktiskt geologiska undersökningar inom Herjedalen och Jemtland. (Afh. 23.)

8vo. *Stockholm*, 1879.

Erdmann (A.). Exposé des formations quaternaires de la Suède, texte accompagné d'un atlas [folio]. (Afh. 2.)

8vo. *Stockholm*, 1868.

Gumælius (O.). Bidrag till kännedomen om Sveriges erratiska bildningar, samlade å geologiska kartbladet Örebro. (Afh. 7.)

8vo. *Stockholm*, 1871.

———. Om malmlagens åldersföljd och deras anväande såsom ledlager. (Afh. 13.)

8vo. *Stockholm*, 1873.

———. Om medlersta Sveriges glaciala bildningar. I. Om Krostensgrus. (Afh. 11.)

8vo. *Stockholm*, 1874.

Sweden. Sveriges geologiska undersökning.

- Gumælius (O.). Om medlersta Sveriges glaciala bildningar. II. Om Rullstensgrus. (Afh. 16.) 8vo. *Stockholm*, 1876.
- Hummel (D.). Öfversigt af de geologiska förhållandena vid Hallandsås. (Afh. 8.) 8vo. *Stockholm*, 1872.
- . Om Rullstensbildningar. (Afh. 12.) 8vo. *Stockholm*, 1874.
- . Om Sveriges lagrade Urberg, jemförda med sydvestra Europas. (Afh. 15.) 8vo. *Stockholm*, 1875.
- Lindström (A.). Praktiska geologiska iakttagelser under resor på Gotland. (Afh. 34.) 8vo. *Stockholm*, 1879.
- Linnarsson (J. G. O.). Om några försteningar från Sveriges och Norges primordialzon. (Afh. 10.) 8vo. *Stockholm*, 1873.
- . Öfversigt af Nerikes öfvergångsbildningar. (Afh. 21.) 8vo. *Stockholm*, 1875.
- . Om faunan i lagren med *Paradoxides ölandicus*. (Afh. 22.) 8vo. *Stockholm*, 1877.
- . Om de palæozoiska bildningarna vid Humlenäs. (Afh. 28.) 8vo. *Stockholm*, 1878.
- . Om faunan i kalken med *Conocoryphe exsulans*, *Coronatus-kalken*. (Afh. 35.) 8vo. *Stockholm*, 1879.
- . Iakttagelser öfver de graptolitförande skiffrarne i Skåne. (Afh. 31.) 8vo. *Stockholm*, 1879.
- Nathorst (A. G.). Om en Cykadé-kotte från den rätiska formationens lager vid Tinkarp i Skåne. (Afh. 19.) 8vo. *Stockholm*, 1875.
- . Nya fyndorter för arktiska växtlemningar i Skåne. (Afh. 20.) 8vo. *Stockholm*, 1877.
- . Om floran i Skånes kolförande bildningar. I. Floran vid Bjuf. 1^{ta} Häft. (Afh. 27.) 8vo. *Stockholm*, 1878.
- . ———. 2^{ra} Häft. (Afh. 33.) 8vo. *Stockholm*, 1879.
- . ———. II. Floran vid Höganäs och Helsingborg. (Afh. 29.) 4to. *Stockholm*, 1879.
- Santesson (H.). Kemiska bergartsanalyser, sammanställda och bearbetade. I. Gneis, hälleflintgneis ("eurit") och hälleflinta. (Afh. 17.) 8vo. *Stockholm*, 1877.
- Svedmark (E.). Halle- och Hunnebergstrapp. (Afh. 25.) 8vo. *Stockholm*, 1878.
- Torell (O.). Undersökningar öfver istiden. (Afh. 18.) 8vo. *Stockholm*, 1873.
- . Sur les traces les plus anciennes de l'existence de l'homme en Suède. (Afh. 30.) 8vo. *Stockholm*, 1876.
- . On the causes of the Glacial Phenomena in the North-eastern portion of North America. (Afh. 26.) 8vo. *Stockholm*, 1878.
- Törnebohm (A. E.). Geognostisk profil öfver den skandinaviska fjellryggen mellan Östersund och Levanger. (Afh. 6.) 8vo. *Stockholm*, 1872.
- . Ueber die Geognosie der schwedischen Hochgebirge. (Afh. 9.) 8vo. *Stockholm*, 1873.

Sweden. Sveriges geologiska undersökning.

Törnebohm (A. E.). Geognostisk beskrifning öfver Persbergets grufvefält. (Afh. 14.) 8vo. *Stockholm*, 1875.

Beskrifningar: Geologiska kartbladen, i skalen 1:50,000. Nos. 1-64, 67-69, and 71. 8vo. *Stockholm*, 1871-79.

—: —, i skalen 1:200,000. Nos. 1-5. 8vo. *Stockholm*, 1877-79.

Switzerland. Matériaux pour la carte géologique de la Suisse. (Beiträge zur geologischen Karte der Schweiz.) Vols. I. etc.

Müller, Albert. Geognostische Skizze des Kantons Basel. 4to. *Neufchatel*, 1862.

Theobald, G. Geologischen Beschreibung von Graubünden. 4to. *Berne*, 1864-66.

Mösch, Casimar. Der Aargauer-Jura und die nördlichen Gebiete des Kantons Zürich. 4to. *Berne*, 1867.

Kaufman, Franz Joseph. Der Pilatus. 4to. *Berne*, 1867.

Jaccard, Auguste. Description géologique du Jura vaudois et neuchâtelais. 4to. *Berne*, 1869. Supplement, 1870.

Greppin, Jean Baptiste. Description géologique du Jura bernois. 4to. *Berne*, 1870.

Gerlach, H. Das südwestliche Wallis, mit den angrenzenden Landestheilen von Savoiën und Piemont. 4to. *Berne*, 1871.

Mösch, Casimar. Der südliche Aargauer-Jura und seine Umgebungen. 4to. *Berne*, 1874.

Kaufmann, Franz Joseph. Rigi und Molassegebiet der Mittelschweiz. 4to. *Berne*, 1872.

Gilliéron, V. Aperçu géologique sur les Alpes de Fribourg en général et description spéciale du Monsalveno. 4to. *Berne*, 1873.

Escher von der Linth, Arnold. Geologische Beschreibung der Sentis-Gruppe. 4to. *Berne*, 1878.

Gutzwiller, A., Kaufmann, F. J., and Mösch, C. Geologische Beschreibung des Kantons St. Gallen. 4to. *Berne*, 1877.

Fritsch, Karl von. Das St. Gotthardgebirge. 4to. *Berne*, 1873.

Tasmania. Geological Surveys. See REPORTS, COLONIAL, ETC. Tasmania.**Tennessee.** Geological Survey of the State of Tennessee.

Geological Reports, V.-VI., 1839-1841. By G. Troost. (Fifth report in duplicate.) (Tracts.) 8vo. *Nashville*, 1840-41.

United States. Exploring Expedition. Exploration of the Colorado River of the West and its tributaries. Explored in 1869, 1870, 1871, and 1872, under the direction of (J. W. Powell) the Secretary of the Smithsonian Institution. 4to. *Washington*, 1875.

—, 1873. 8vo. *Washington*, 1874.

United States. Explorations and Surveys for a Railroad Route from the Mississippi River to the Pacific Ocean.

Reports of Explorations and Surveys to ascertain the most practicable and economical route from the Mississippi River to the Pacific Ocean. Vols. I.-XII. 13 vols. 4to. *Washington*, 1855-60.

Reports . . . by W. P. Blake, T. Antisell, J. S. Newberry, and T. A. Conrad. 4to. *Washington*, 1856.

United States. Explorations and Surveys for a Railroad Route from the Mississippi River to the Pacific Ocean.

Reports on the Geology, Botany, and Zoology of Northern California and Oregon, by J. S. Newberry.

4to. *Washington*, 1857.

United States. Exploration of the Yellowstone and Missouri Rivers. Geological Report, by F. V. Hayden. 1859-60.

8vo. *Washington*, 1869.

United States. Exploring Expedition from Santa Fé, etc.

Report of the Exploring Expedition from Santa Fé, New Mexico, to the junction of the Grand and Green Rivers of the Great Colorado of the West, in 1859, under the command of Capt. J. N. Macomb, with geological report by J. S. Newberry.

4to. *Washington*, 1876.

United States. Geographical and Geological Explorations and Surveys west of the 100th meridian, in charge of G. M. Wheeler, under the direction of A. A. Humphreys.

Annual Report, by G. M. Wheeler.

8vo. *Washington*, 1875.

Report, Vol. III.; Part 2, Vol. IV.; and Part 4, Vol. III. ? 3 vols.

4to. *Washington*, 1875-77.

United States. Geographical and Geological Surveys west of the Mississippi.

Report. (Tract.)

8vo. *Washington*, 1874.

United States. Geological Exploration of the Fortieth Parallel.

Report. Vols. II.-VI., containing Descriptive Geology, by A. Hague and S. F. Emmons; Mining Industry, by J. D. Hague, with geological contributions by C. King; Palæontology and Ornithology, by F. B. Meek, J. Hall, R. P. Whitfield, and R. Ridgway; Botany, by S. Watson and D. C. Eaton; and Microscopical Petrography, by F. Zirkel. 5 vols. and atlas.

4to. *Washington*, 1876-77.

Systematic Geology, by C. King.

4to. *Washington*, 1871.

Geological and Topographical Atlas, by C. King.

Fol. *New York*, 1876.

United States. United States and Mexican Boundary Survey, by W. H. Emory.

Report. Vol. I. Part 2. Geological Reports of Dr. C. C. Parry and A. Schott. Notes by W. H. Emory. Palæontology and Geology . . . by J. Hall. Description of Cretaceous and Tertiary Fossils, by T. A. Conrad.

4to. *Washington*, 1857.

United States. United States Coast Survey.

Reports of Progress . . . by the Superintendent (A. D. Bache), for the years ending 1847-49 and 1853-60.

8vo. and 4to. *Washington*, 1847-61.

Second volume of the principal Documents relating to the Survey . . . from October, 1834, to November, 1835, by F. R. Hassler.

8vo. *New York*, 1835.

United States. United States Geological and Geographical Survey of the Territories.

Annual Reports 1-11, 1867-1877, by F. V. Hayden, with supplement to the 5th Report, 1871.—Report on the Fossil Flora, by Leo Lesquereux.

8vo. *Washington*, 1872-79.

United States. United States Geological and Geographical Survey of the Territories.

Bulletin. Vols. I.-IV. 8vo. *Washington*, 1874-78.

Catalogue of the Publications. 8vo. *Washington*, 1874.

——. 2nd edition. 8vo. *Washington*, 1877.

——. 3rd edition. 8vo. *Washington*, 1879.

Entomological Commission. First Annual Report, for the year 1877, relating to the Rocky Mountain Locust, etc.

8vo. *Washington*, 1878.

——. Bulletin. Nos. 1 & 2. 8vo. *Washington*, 1877.

Letter from the Secretary of the Interior relative to an appropriation for the expenses of continuing the Geological Survey of the Territories during the ensuing fiscal year.

8vo. *Washington*, 1872.

United States Geological Survey of Colorado and New Mexico. Preliminary Field Report, by F. V. Hayden. 8vo. *Washington*, 1869.

Geological and Geographical Atlas of Colorado, and portions of adjacent Territory, by F. V. Hayden. Fol. *New York*, 1877.

MISCELLANEOUS PUBLICATIONS. 8vo. *Washington*, 1873 etc.

No. 1. List of Elevations in that portion of the United States west of the Mississippi River, collated and arranged by Henry Gannett. 1873. See also THOMAS (C.).

——. 3rd edition. 1875.

——. 4th edition. 2 copies. 1877.

No. 2. Meteorological Observations, during the year 1872, in Utah, Idaho, and Montana, prepared by H. Gannett. 1873.

No. 3. Birds of the North-west; a Handbook of Ornithology of the region drained by the Missouri River and its Tributaries. By Elliott Coues. 1874.

No. 4. Synopsis of the Flora of Colorado. By T. C. Porter and J. M. Coulter. 1874.

No. 5. Descriptive catalogue of the Photographs of the United States Geological Survey of the Territories for the years 1869 to 1875. 2nd edition. 1875.

No. 6. Meteorological Observations made during the year 1873 and the early part of the year 1874, in Colorado and Montana Territories. Prepared by G. B. Chittenden. 1874.

No. 7. Ethnography and Philology of the Hidatsa Indians. By W. Matthews. 1877.

No. 8. Fur-bearing Animals: a monograph of North-American *Mustelidæ*. By E. Coues. 1877.

No. 9. Descriptive catalogue of Photographs of North-American Indians. By W. H. Jackson. 1877.

No. 11. Birds of the Colorado Valley, by E. Coues. Part I. 1878.

Photographs of the principal points of interest in Colorado, Wyoming, Utah, Idaho, and Montano. By W. H. Jackson.

Fol. *Washington*, 1876.

Preliminary Reports of the Field-work for the seasons 1877-1878.

8vo. *Washington*, 1877-78.

United States. United States Geological and Geographical Survey of the Territories.

Profiles, Sections and other Illustrations. By H. W. Elliot.

4to. *New York*, 1872.

Reports, Vols. I., II., VI., VII., IX.—XI., and plates to the unpublished Vol. VIII.

4to. *Washington*, 1873–78.

Vol. I. Contributions to the Extinct Vertebrate Fauna of the Western Territories. By Joseph Leidy. 1873.

Vol. II. Vertebrata of the Cretaceous Formations of the West. By E. D. Cope. 1875.

Vols. VI. & VII. Contributions to the Fossil Flora of the Western Territories. By Leo Lesquereux. Part 1. Cretaceous Flora. Part 2. Tertiary Flora. 1874–1878.

Vol. IX. Report on the Invertebrate Cretaceous and Tertiary Fossils of the Upper Missouri Country. By F. B. Meek. 1876.

Vol. X. Monograph of the Geometrid Moths or Phalænidae of the United States. By A. S. Packard, jun. 1876.

Vol. XI. Monographs of North-American Rodentia. By Elliott Coues and J. A. Allen. 1877.

Report of Professor Hayden. (Tract.) 8vo. *Washington*, 1878.

United States. United States Geographical and Geological Survey of the Rocky Mountain region (J. W. Powell in charge).

Report on the Geology of the Henry Mountains. By G. K. Gilbert. 4to. *Washington*, 1877.

United States. United States Topographical Survey.

A Report upon the Military and Hydrographical Chart of the extremity of Cape Cod, etc., projected from surveys executed during portions of the years 1833, 1834, and 1835, under the direction of J. D. Graham. Fol. *Washington*, 1838.

Vermont. Geological Survey of the State of Vermont.

Annual Reports I.–IV. (the last imperfect). By C. B. Adams.

8vo. *Burlington*, 1845–47.

Report on the Geology of Vermont. By E. Hitchcock, A. D. Hager, E. Hitchcock, jun., and C. H. Hitchcock. 2 vols.

4to. *Claremont, N. H.*, 1861.

Victoria. Geological Survey of Victoria.

Notes and Observations on the Nuggetty Reef, Maldon (Quarto sheet 14 N.W.). By G. H. F. Ulrich. (Tract.) 8vo. *Melbourne*.

Observations on New Vegetable Fossils of the Auriferous Drifts. By F. von Müller. 8vo. *Melbourne and London*, 1874.

Prodromus of the Palæontology of Victoria; or figures and descriptions of Victorian Organic Remains. By F. M'Coy. Decades I.–VI. (V. in duplicate). 8vo. *Melbourne*, 1874–79.

Reports of Progress, 1873–1878. By R. Brough Smyth.

8vo. *Melbourne*, 1874–78.

See REPORTS, COLONIAL, ETC. Victoria.

Virginia. Geological Survey of the State of Virginia.

Report of the Geological Reconnaissance of the State of Virginia. By W. B. Rogers. 8vo. *Philadelphia*, 1836.

Reports of Progress, 1839–1840 (the latter in duplicate). By W. B. Rogers. 8vo. *Richmond*, 1840–41.

- West Indies.** Geological Survey of the West Indies.
 Jamaica, by J. G. Sawkins and C. B. Brown; with an appendix upon the Palæontology of the Carribean Area, by R. Etheridge. 2 copies. 8vo. *London*, 1869.
 Trinidad, by G. P. Wall and J. G. Sawkins. 8vo. *London*, 1860.
- Wisconsin.** Geological Survey of the State of Wisconsin.
 Annual Report, by J. G. Percival. (Tract.) 8vo. *Madison*, 1856.
 Reports by J. Hall and J. D. Whitney. 2 vols. (vol. I. in duplicate). 8vo. *New York*, 1862–77.
- Wisconsin, etc.** Geological Survey of the States of Wisconsin, Iowa, and Minnesota, including a portion of the Nebraska territory.
 Report, by D. D. Owen, with Atlas. 4to. *Philadelphia*, 1852.
 —. See IOWA ETC.
-
- Susani** (Guido). Rapporto . . . della Commissione incaricata di assistere agli esperimenti eseguiti dal Paolo Gorini. (Tract.) Fol. *Milan*, 1852.
- Sussex** (*Duke of*). Address delivered at the Anniversary Meeting of the Royal Society, November 1833. (Tract.) 4to. *London*, 1833.
 —. —. November 1836. (Tract.) 4to. *London*, 1836.
- Sutcliffe** (Thomas). The Earthquake of Juan Fernandez, as it occurred in the year 1835. (Tract.) 8vo. *Manchester*, 1839.
- Sutherland** (Peter C.). Journal of a voyage in Baffin's Bay and Barrow Straits in the years 1850–1851. 2 vols. 8vo. *London*, 1852.
 —. Notes on the Geology of Natal, South Africa. (Tract.) 8vo. *London*, 1855.
- Svanberg** (Jöns). Exposition des opérations faites en Laponie, pour la détermination d'un arc du méridien, in 1801, 1802, et 1803; par Messrs. Öfverborn, Svanberg, Holmquist et Palander. 8vo. *Stockholm*, 1805.
- Svedenstjerna** (Eric Th.). Resa, igenom en del af England och Skottland, åren 1802 och 1803. 8vo. *Stockholm*, 1804.
- Svedmark** (E.). See SURVEYS: SWEDEN.
- Swainson** (William). A Catalogue of the rare and valuable Shells, which formed the collection of the late Mrs. Bligh. (Tract.) 8vo. *London*, 1822.
- Swallow** (G. C.). Grape Culture in Missouri. (Tract.) 8vo. *St. Louis, Mo.*, 1858.
 —. See SHUMARD (B. F.); and SURVEYS, MISSOURI AND UNITED STATES.
 — and **Hawn** (F.). The Rocks of Kansas; with descriptions of new Permian Fossils, by G. C. Swallow. (Tract.) 2 copies. 8vo. *St. Louis, Mo.*, 1858.
- Swammerdam** (Jean). Swammerdam's Book of Nature; or History of Insects. Incomplete. (Tract.) 8vo. *London*, 1848–49.
- Swedenborg** (Emanuel). Miscellanea observata circa res naturales et præsertim circa Mineralia, Ignem et Montium Strata. 8vo. *Leipzig*, 1722.
 —. Opera philosophica et mineralia. 3 vols. Fol. *Dresden and Leipzig*, 1734.

- Swedenborg** (Emanuel). The Economy of the Animal Kingdom, considered anatomically, physically, and philosophically. Translated by A. Clissold. 2 vols. 8vo. London, 1845-46.
- . The Principia; or, the first principles of natural things; being an attempt toward a philosophical explanation of the Elementary World. Translated from the Latin by A. Clissold. 2 vols. 8vo. London, 1845-46.
- . Miscellaneous observations connected with the Physical Sciences. Translated by C. E. Strutt. 8vo. London, 1847.
- . *Œconomia Regni Animalis in transactiones divisa, quarum hæc tertia de fibra, de tunica arachnoidea, et de morbis fibrarum agit, anatomice, physice, et philosophice perlustrata. Ex autographo ejus . . . nunc primum edidit Jac. Joh. Garth Wilkinson.* 8vo. London, 1847.
- . Outlines of a philosophical argument on the Infinite, and the final cause of Creation, etc. Translated from the Latin, by J. J. Garth Wilkinson. 8vo. London, 1847.
- . Posthumous Tracts, now first translated from the Latin, by J. J. Garth Wilkinson. 8vo. London, 1847.
- . Some specimens of a work on the Principles of Chemistry, with other Treatises. Translated from the Latin by C. E. Strutt. 8vo. London, 1847.
- Swellengreeve** (—). Extrait du rapport sur un crâne d'un *Bos taurus primigenius*, trouvé au nord d'Utrecht en 1825, suivi du rapport analitic fait par Mr. Reinwardt sur un autre crâne de la race des *Bullæ* trouvé dans la province d'Overyssele la même année. (Tract.) 4to. MS.
- Swindells** (Rupert). A summer trip to the Island of St. Michael, in the Azores. 8vo. Manchester, 1877.
- Switzerland**. Geologische Tabellen und Durchschnitte über den grossen Gotthardtunnel, Spezialbeilage zu den Berichten des schweizerischen Bundesrathes über den Gang der Gotthardbahn-Unternehmung. Lief. I.-III. (Tract.) 4to. Zurich, 1876.
- Sydow** (Albrecht von). Bemerkungen auf einer Reise im Jahre 1827 durch die Beskiden über Krakau und Wieliczka nach den Central-Karpathen. 8vo. Berlin, 1830.
- Sykes** (W. H.). A Catalogue of the Mammalia and Birds observed in Dukhun, East Indies. (Tract.) 8vo. London, 1832.
- . On a portion of Dukhun, East Indies. (Tract.) 2 copies. 4to. London, 1836.
- Symes** (Richard G.). On the Geology and Extinct Volcanoes of Clermont, Auvergne. (Tract.) 8vo. Dublin, 1871.
- Symonds** (W. S.). Stones of the Valley. 8vo. London, 1857.
- . Address to the Malvern Naturalists' Field-Club, with a note on the Fossils of the "Bone-bed at Brockhill," Malvern, by J. W. Salter. (Tract.) 8vo. Malvern, 1858.
- . On the Drifts of the Severn, Avon, Wye, and Usk. (Tract.) 8vo. Gloucester, 1861.
- . On the Geology of the Railway from Worcester to Hereford. (Tract.) 8vo. London, 1862.
- . Old Bones, or notes for Young Naturalists. 2nd edition. 8vo. London, 1864.

Syria. Report and Memorial on the Syrian Exploration. [American Geographical and Statistical Society.] (Tract.)

8vo. *New York*, 1857.

Szabó (Jozsef). Egy continentalis Emelkedés és Süllyedésről Európa délkeleti részén. (Tract.) 2 copys.

4to. *Pesth*, 1862.

T.

T * * * Catalogue des livres de sa bibliothèque. (Tract.) 8vo. *Paris*, 1834.

Tagart (Edward). Remarks on Mathematical or Demonstrative Reasoning. 8vo. *London*, 1837.

Tait (Archibald Campbell), Bishop of London. On Free Enquiry. (Tract.) 8vo. *London*, 1864.

Taitbout de Marigny. See ADMIRALTY PUBLICATIONS.

Tankerville (Earl of). Catalogue [sale] of a Collection of fine specimens of rare Mineral Substances . . . forming part of his collection. (Tract.) 8vo. *London*, 1837.

Taramelli (Torq.). See RENEVIER (E.).

Tarbé des Sablons (—). Manuel pratique et élémentaire des poids et mesures, des monnaies et du calcul décimal. 12mo. *Paris*, 1828.

Tarbotton (M. Ogle). The Meteorology of Nottingham for the past 12 years (1867 to 1878 inclusive), from diurnal observations.

8vo. *Nottingham*, 1879.

Targioni-Tozzetti (Antonio). Storia ed analisi chimica delle acque termali dette di S. Agnese nella terra di S. Maria in Bagno. (Tract.)

8vo. *Florence*, 1828.

——. Analisi chimica delle acque sulfureo-termali di Rapolano, nella provincia superiore senese eseguita nel 1834. 8vo. *Florence*, 1835.

——. Dei bagni di Montalceto nella provincia superiore senese, ed analisi chimica delle loro acque minerali eseguita nel 1834.

8vo. *Florence*, 1835.

——. Relazione ed analisi chimica dell' acqua proveniente dalla Polla delle Tamerici a Monte Catini. 8vo. *Florence*, 1843.

——. Delle acque minerali acidule di Cinciano e loro analisi chimica eseguita nel 1845. 8vo. *Florence*, 1845.

——. Osservazioni chimiche sull' acqua salsoiodica di Castrocaro, e suo uso in medicina; [ed] Intorno l'azione terapeutica delle acque salsoiodiche di Castrocaro, memoria del dottore Corrado Taddei De-Gravina. 8vo. *Forli*, 1845.

——. Delle acque termo-minerali di Montecerboli nella provincia Volterrana e loro chimica analisi eseguita nel 1844. 8vo. *Florence*, 1846.

——. Esame chimico dell' acqua minerale purgativa di Casale, fatto nel 1846. 8vo. *Florence*, 1846.

Targioni-Tozzetti (Giovanni). Relazioni d'alcuni viaggi fatti in diverse parti della Toscana, etc. 2^a edit. 12 vols. 8vo. *Florence*, 1768–79.

——. Voyage minéralogique, philosophique et historique, en Toscane. 2 vols. 8vo. *Paris*, 1792.

Tasche (H.). See SURVEYS: HESSE.

Tasmania. Information for the People. Nos. 1–3. (Tracts.)

8vo. *Hobart Town*, 1837.

Tata (Domenico). Lettera sul Monte Volture a sua eccellenza il Signor D. Guglielmo Hamilton. 4to. *Naples*, 1778.

- Tata** (Domenico). Descrizione del grande incendio de Vesuvio successo nel giorno otto del mese di agosto del corrente anno 1779. (Tract.) 8vo. *Naples*, 1779.
- . Breve relazione dell' ultima eruttazione del Vesuvio. (Tract.) 8vo. *Naples*, 1790.
- . Continuazione delle notizie riguardanti il Vesuvio. (Tract.) 8vo. *Naples*, 1790.
- Tate** (George). The Farne Islands, with an account of their geology, botany, zoology, and ancient history. (Tract.) 8vo. *London*, 1857.
- . The Geology and Archæology of Beadnell, Northumberland, with descriptions of Fossil Annelids. (Tract.) 8vo. *Alnwick*, 1858.
- . The Polished and Scratched Rocks in the neighbourhood of Alnwick, viewed in connection with the Boulder-formation in Northumberland. (Tract.) 8vo. *Alnwick*, 1860.
- . Whittingham Vale. (Tract.) 8vo. *Alnwick*, 1862.
- . The Fossil Flora of the Mountain Limestone formation of the eastern Borders, in connection with the Natural History of Coal. (Tract.) 8vo. *London*, 1853.
- . Geology and Archæology of the Borders, (with) description of Entomostraca from the Mountain Limestone of the Borders, by Professor Jones. (Tract.) 8vo. *Alnwick*, 1863.
- . Geology of Northumberland and Durham. (Tract.) 8vo. *Newcastle-upon-Tyne*, 1867.
- . The Geology, Botany, and Zoology of the neighbourhood of Alnwick. (Tract.) 8vo. *Alnwick*, 1869.
- Tate** (George Ralph). The Land and Freshwater Mollusca of Alnwick. (Tract.) 8vo. *Alnwick*, 1858.
- Tate** (Ralph). On some Secondary Fossils from South Africa. (Tract.) 8vo. *London*, 1867.
- . Additions to the list of Brachiopoda of the British Secondary Rocks. (Tract.) 2 copies. 8vo. *London*, 1869.
- . Contributions to Jurassic Palæontology. 1. *Cryptaulax*, a new genus of Cerithiadæ. (Tract.) 8vo. *London*, 1869.
- . A List of the Irish Liassic Fossils, with notes on the new and critical species. (Tract.) 2 copies. 8vo. *Belfast*, 1870.
- . Note on the Middle Lias in the north-east of Ireland. (Tract.) 8vo. *London*, 1870.
- . On the Palæontology of the Junction Beds of the Lower and Middle Lias in Gloucestershire. (Tract.) 8vo. *London*, 1870.
- . The Fuller's-Earth in the south-west of England. (Tract.) 8vo. *London*, 1870.
- . A Census of the Marine Invertebrate Fauna of the Lias. (Tract.) 2 copies. 8vo. *London*, 1871.
- . On the Age of the Nubian Sandstone. (Tract.) 8vo. *London*, 1871.
- . Rudimentary Treatise on Geology. 8vo. *London*, 1871.
- . Note on the Discovery of the oldest known *Trigonia* (*T. lingo-nensis*, Dumortier) in Britain. (Tract.) 8vo. *London*, 1872.
- . On the Lias about Radstock. (Tract.) 8vo. *London*, 1875.
- . On the Land and Freshwater Mollusca of Nicaragua. (Tract.) 8vo. *Philadelphia*, 1870.

- Tate** (Ralph). Anniversary Address delivered at the Annual Meeting of the [Adelaide Philosophical] Society, 1878. 8vo. *Adelaide*, 1878.
- . Notes on the Correlation of the Coral-bearing strata of S. Australia, with a list of Fossil Corals occurring in the colony. (Tract.) 8vo. *Adelaide*, 1878.
- . The fossil Marginellidæ of Australia. (Tract.) 8vo. *Adelaide*, 1878.
- . The recent Marginellidæ of South Australia. (Tract.) 8vo. *Adelaide*, 1878.
- . See BRYCE (James) and WOODWARD (Samuel P.).
- and Blake (J. F.). The Yorkshire Lias. 2 copies. 8vo. *London*, 1876.
- and Holden (J. S.). On the Iron Ores of Antrim. (Tract.) 8vo.
- Taube** (J.). Beiträge zur Naturkunde des Herzogthums Zeller. 1^{er} Band. 8vo. *Zelle*, 1766.
- Tawney** (E. B.). Geological Papers contributed to Scientific Journals, 1866–1878. 8vo. *London*, &c., 1866–78.
- . Museum Notes.—Dundry Gasteropoda. (Tract.) 8vo. *Bristol*, 1873.
- . Notes on the Lias in the neighbourhood of Radstock. (Tract.) 8vo. *Bristol*, 1875.
- Taylor** (Andrew). The Geological Difficulties of the Age Theory; an examination of Mr. Peter Baine's defence of 'The Testimony of the Rocks.' (Tract.) 8vo. *Edinburgh*, 1856.
- Taylor** (Henry). Catalogue of his unrivalled collection of Chalk and other Fossils. (Tract.) 8vo. *London*, 1854.
- Taylor** (J.). See BRITISH ASSOCIATION. Sheffield Guide-Book.
- Taylor** (John). Selections from the works of the Baron de Humboldt relating to the climate, inhabitants, productions, and mines of Mexico. With Notes. 2 copies. 8vo. *London*, 1824.
- . On Pumps used in Mines. (Tract.) 8vo. *London*, 1836.
- . On the use of Sand in blasting rocks. (Tract.) MS.
- . Some account of the discovery of Gold in the United States of America, etc. (Tract.) Fol. No date.
- Taylor** (John). See ARMSTRONG (G. W.).
- Taylor** (John E.). Geological Stories. 8vo. *London*, 1873.
- . A sketch of the Geology of Suffolk. 8vo. *Sheffield*, 1874.
- . See SERIALS etc.: LONDON. Hardwicke's Science Gossip.
- Taylor** (Richard). Two Reports on the Coal Lands, Mines, and Improvements of the Dauphin and Susquehanna Coal Company, etc. 8vo. *Philadelphia*, 1840.
- Taylor** (Richard Cowling). On the Geology of East Norfolk; with remarks upon the hypothesis of Mr. J. W. Robberds, respecting the former level of the German Ocean. 8vo. *London*, 1827.
- . An attempt to form a Table of the Geological Arrangement of British Fossil Shells. (Tract.) 8vo. *London*, 1829.
- . Additional information on the *Fucoides alleghaniensis*. (Tract.) 8vo. *London*, 1834.
- . On the Geology and Natural History of the North-eastern extremity of the Alleghany mountain-range, in Pennsylvania. (Tract.) 8vo. *London*, 1835.

- Taylor** (Richard Cowling). Notes on Natural Objects observed while staying in Cuba. (Tract.) 8vo. London, 1836.
- . Notice of a vein of Bituminous Coal recently explored in the vicinity of the Havana, in the island of Cuba. (Tract.) 4to. Philadelphia, 1836.
- . Notice of a model of the Western portion of the Schuylkill or Southern Coalfield of Pennsylvania. (Tract.) 8vo. Philadelphia, 1841.
- . Memoir on the character and prospects of the Copper-region of Gibara, and a sketch of the Geology of the North-east part of the island of Cuba. (Tract.) 4to. Philadelphia, 1843.
- . Notice of Fossil Arborescent Ferns, of the family *Sigillaria*, and other Coal-Plants, exhibited in the roof and floor of a coal-seam in Dauphin County, Pennsylvania. (Tract.) 4to. Philadelphia, 1843.
- . Reports on the Washington Silver-Mine, in Davidson county; etc. (Tract.) 8vo. Philadelphia, 1845.
- . Statistics of Coal. 8vo. Philadelphia, 1848.
- . ———. (Tract.) 8vo. Edinburgh, 1849.
- Taylor** *alias* **Domville** (Silas). See DALE (Samuel).
- Taylor** (Thomas). An account of a new Mineral Substance discovered at Killiney, in the vicinity of Dublin. (Tract.) 4to. Dublin, 1817.
- Taylor** (Thomas John). Basin of the Lower Loire. (Tract.) 8vo. London, 1839.
- Tchihatcheff** (Pierre de). Coup d'œil sur la constitution géologique des provinces méridionales du Royaume de Naples. Suivi de quelques notions sur Nice et ses environs. 8vo. Berlin, 1842.
- . Voyage scientifique dans l'Altaï oriental et les parties adjacentes de la frontière de Chine. 4to; Atlas, fol. Paris, 1845.
- . L'Asie Mineure et l'Empire Ottoman. (Tract.) 8vo. Paris, 1850.
- . Mémoire sur les dépôts sédimentaires de l'Asie Mineure. (Tract.) 8vo. Paris, 1850.
- . Dépôts tertiaires d'une partie de la Cilicie Trachée, de la Cilicie Champêtre et de la Cappadoce; Dépôts tertiaires du midi de la Carie et d'une partie septentrionale de la Pisidie; Dépôts paléozoïques de la Cappadoce et du Bosphore. (Tract.) 2 copies. 8vo. Paris, 1854.
- . Lettre sur les antiquités de l'Asie Mineure. (Tract.) 8vo. Paris, 1854.
- . Asie Mineure, description physique, statistique et archéologique de cette contrée. 2^e partie. Climatologie et Zoologie. 1856. 4^e partie. Géologie (3 vols., 1867–1869) et Paléontologie par A. d'Archiac, P. Fischer et E. de Verneuil. 1866. 8vo; Atlas, 4to. Paris, 1859–69.
- . Discours prononcé à Montpellier, 1857, à la séance de clôture de la Session extraordinaire de la Société Botanique de France. (Tract.) 8vo. Paris, 1857.
- . Etudes sur la végétation des hautes montagnes de l'Asie Mineure et de l'Arménie. (Tract.) 8vo. Paris, 1857.
- . Le Bosphore et Constantinople, avec perspectives des pays limitrophes. 8vo. Paris, 1864.
- . Une page sur l'Orient. 8vo. Paris, 1868.
- . Considérations géologiques sur les îles océaniques. (Tract.) 8vo. Paris, 1877 [dated 1878].

- Teale** (James). *Dynamical Theory of the Universe.* (Tract.)
8vo. *Manchester*, 1868.
- Tees, Tyne, and Wear**, Industrial Resources of the. See **ARMSTRONG** (W. G.).
- Telvenburg** (Josef von Trentinaglia-). See **TRENTINAGLIA-TELVENBURG** (Josef von).
- Temple** (Frederick). *The Present Relations of Science to Religion—a Sermon.* (Tract.) 8vo. *Oxford and London*, 1860.
- Tenison-Woods** (J. E.). See **WOODS** (J. E. Tenison-).
- Tennant** (James). *Stratigraphical List of British Fossils, arranged under the principal divisions of the British strata, with a few elementary remarks on their character and localities.* 8vo. *London*, 1847.
- . *Catalogue of Fossils found in the British Isles, forming the private collection of the author.*
- . *On Gems and Precious Stones.* (Abstract.) (Tract.) 2 copies.
8vo. *London*, 1852.
- . *A description of the Imperial State Crown.* (Tract.)
8vo. *London*, 1858.
- . *A descriptive Catalogue of Gems, Precious Stones, and Pearls bequeathed to the South Kensington Museum by the Rev. Chauncy Hare Townshend.* (Tract.) 8vo. *London*, 1877.
- and **Mitchell** (Walter). *Mineralogy and Crystallography.*
8vo. *London*, 1856.
- Tennant** (Smithson). *On an easier method of procuring Potassium than that which is now adopted.* (Tract.) 4to. *London*, 1814.
- . *On the means of procuring a Double Distillation by the same Heat.* (Tract.) 4to. *London*, 1814.
- Tenore** (M.). *Mineralogia. Sopra quattro sostanze fossili della Majella.* (Tract.) 8vo. *Naples*, 1838.
- . *Antonii Bertoloni commentarius de itinere Neapolitano æstate anni 1834 suscepto. Bononiæ*, 1837. Notice. (Tract.) 8vo.
- . See **GUSSONE** (Giov.).
- Terquem** (O.). *Paléontologie du département de la Moselle.* (Tract.)
8vo. *Metz*, 1855.
- . *Recherches sur les Foraminifères de l'étage moyen et de l'étage inférieur du Lias. Mémoires II.—VI.* 2 copies, part in triplicate.
8vo. *Metz*, 1862–66.
- . *Premier mémoire sur les Foraminifères du système oolithique.*
8vo. *Metz*, 1867.
- and **Jourdy** (E.). *Note sur le terrain bathonien de la Moselle et de la Meuse.* (Tract.) 8vo. *Paris*, 1869.
- Teutzelius** (Wilhelm Ernst). *Epistola de sceleto elephantino Tonnæ nuper effosso.* (Tract.) 8vo. *Jena*, 1696.
- Texas**. *Report of the Commissioner [J. J. Groos] of the General Land Office of the State.* (Tract.) 8vo. *Houston*, 1876.
- Texier** (Charles). See **HÉRICART DE THURY** (L. E. T.).
- Thackrah** (Charles Turner). *An Introductory Discourse delivered to the Leeds Philosophical and Literary Society, April 6, 1821.*
4to. *Leeds*, 1821.
- Thames Archway Company**. *Progress and State of the Tunnel under the Thames.* (Tract.) Fol. *London*, 1809.

- Thames Tunnel.** An explanation of the works of the Thames Tunnel. 4to. *London*, 1838.
- Thenard (L. J.).** An essay on Chemical Analysis; chiefly translated from the fourth volume of the last edition of the 'Traité de Chimie élémentaire,' by J. G. Children. 8vo. *London*, 1819.
- Theobald (G.).** Geologische Beschreibung der nord-östlichen Gebirge von Graubünden, mit zwei Karten und Durchschnitten. 4to. *Nuremberg*, 1863.
- . Die Küstenseen in Südfrankreich. (Tract.) 8vo. *Hanau*, 1850.
- . See SURVEYS: HESSE AND SWITZERLAND.
- and **Rössler (C.).** Uebersicht der wichtigsten geognostischen und oryctognostischen Vorkommnisse der Wetterau und der zunächst angrenzenden Gegenden. Mit Beiträgen von R. Ludwig und Fr. Sandberger. (Tract.) 8vo. *Hanau*, 1858.
- Theobald (William).** Catalogue of the Land- and Freshwater-Shells of British India. (Tract.) 4to. *Calcutta*, 1876.
- . Descriptive Catalogue of the Reptiles of British India. 8vo. *Calcutta*, 1876.
- Theodori (Carl).** Beschreibung des kolossalen *Ichthyosaurus trigonodon* in der Lokal-Petrefacten-Sammlung zu Banz. 4to. *Munich*, 1854.
- Theophrastus.** De Lapidibus. See **BOETIUS DE BOOT (Anselm)** and **HILL (Sir John)**.
- Thibert (Felix).** Catalogue of his Collection of Models of Pathological Anatomy. (Tract.) 8vo. *London*, 1840.
- Thiébaud de Berneaud (Arsenne).** Voyage à l'Isle d'Elbe. 8vo. *Paris*, 1808.
- Thielens (Armand).** Relation de l'excursion faite par la Société malacologique de Belgique à Orp-le-Grand, Folz-les-Caves, Wansin et autres localités voisines. Suivi de la description de deux espèces nouvelles, par H. Nyst. (Tract.) 8vo. *Brussels*, 1872.
- Thiersch (Fr. von).** Rede zur Vorfeier des hohen Geburtsfestes Sr. Majestät der Königs Maximilian des II. von Bayern, am 27. November 1852 gehalten, nebst einer Darstellung über das Leben und Wirken von J. A. Schmeller. (Tract.) 4to. *Munich*, 1853.
- . Rede zur Vorfeier des Geburtsfestes Seiner Majestät des Königs Maximilian II. (Tract.) 4to. *Munich*, 1859.
- Thiollière (Victor).** Description des Poissons Fossiles provenant des gisements coralliennes du Jura dans le Bugey. 1^e Livr. Fol. *Paris, Lyons, and Strasburg*, 1854.
- Thirria (E.).** Statistique minéralogique du département de la Haute-Saône. 8vo. *Besançon*, 1833.
- Thomä (Carl).** Der vulkanische Roderberg bei Bonn, geognostische Beschreibung seines Kraters und seiner Umgebungen. Mit einem Vorworte von J. Nöggerath. (Tract.) 8vo. *Bonn*, 1835.
- . See SERIALS etc.: WIESBADEN. Verein für Naturkunde im Herzogthum Nassau.
- Thomas (C.).** Lists of Elevations and Distances in that portion of the United States west of the Mississippi River. 8vo. *Washington*, 1872.
- Thomas (John E.).** Prize Essay upon the Encroachment of the Sea between the River Mersey and the Bristol Channel. (Tract.) 8vo. *London*, 1867.

- Thomas (John E.).** [Mold National Eisteddfod, 1873.] Prize Essay upon the Mineral Resources of the Counties of Flint and Denbigh, with suggestions for their development. (Tract.) 8vo. *Oswestry*, 1873.
- Thomas (J. W.).** A Treatise on Coal, Mine-gases, and Ventilation, with copies of researches on the Gases enclosed in Coal, &c. 8vo. *London*, 1878.
- Thomas (R.).** Geological Survey of the Carn Menelis District, Cornwall. (Tract.) 8vo. *London*, 1836.
- . Report on a Survey of the Mining District of Cornwall, from Chasewater to Camborne. (Tract.) 4to. *London*, 1819.
- Thomson (Charles).** See **DICTIONARIES**, Italian and English.
- Thomson (Sir Charles Wyville).** On a new Palæozoic group of Echinodermata. (Tract.) 8vo. *Edinburgh*, 1861.
- . [Joint Meeting of the Natural History and Philosophical Society and the Naturalists' Field Club, at the Belfast Museum.] Opening Address, 1869. (Tract.) 4to. *Belfast*, 1869.
- . The Depths of the Sea. 8vo. *London*, 1873.
- . The Voyage of the 'Challenger.' The Atlantic, a preliminary account of the general results of the exploring voyage of H.M.S. 'Challenger,' 1873 and 1876. 2 vols. 8vo. *London*, 1877.
- . See 'CHALLENGER' EXPEDITION and 'PORCUPINE' EXPEDITION.
- Thomson (Edmund P.).** On the discovery of Selenium in the Sulphuric Acid made from the Pyrites of Anglesey. (Tract.) 8vo. *London*, 1825.
- Thomson (James).** On a specimen of *Acanthodes Wardii*, Egerton, from the Lancashire Coal-field; and on *Ctenacanthus hybodontoides*, Egerton. (Tract.) 2 copies. 8vo. *Glasgow*, 1871.
- . Descriptions of new Corals from the Carboniferous Limestone of Scotland. (Tract.) 8vo. *London*, 1874.
- . Description of new Corals from the Carboniferous Limestone of Scotland. (Tract.) 8vo. *Glasgow*, 1875.
- . On the Family Cyathophyllidæ, Tribe Aspidiophyllaceæ, genus *Aspidiophyllum*. (Tract.) 8vo. *Glasgow*, 1875.
- . On a new genus of Rugose Corals from the Carboniferous Limestone of Scotland, etc. (Tract.) 4to. *Glasgow*, 1878.
- . On the genus *Cyathaxonia* and several new species from the Carboniferous Limestone of Scotland. (Tract.) 8vo. *Glasgow*, 1878.
- . See **DUNCAN** (Peter Martin).
- Thomson (J. Badford).** Pelton's illustrated guide to Tunbridge Wells. 8vo. *Tunbridge Wells*, 1875.
- Thomson (Murray).** See **SMITH** (John Alexander).
- Thomson (Robert Dundas).** See **WATER SUPPLY** (London).
- Thomson (Thomas).** A System of Chemistry. 2nd edition. 4 vols. 8vo. *Edinburgh*, 1804.
- . A chemical analysis of Sodalite; a new mineral from Greenland. (Tract.) 4to. *Edinburgh*, 1811.
- . Experiments on Allanite; a new mineral from Greenland. (Tract.) 2 copies. 4to. *Edinburgh*, 1811.
- . Travels in Sweden during the autumn of 1812. 4to. *London*, 1813.
- . An attempt to establish the first principles of Chemistry by experiments. 2 vols. 8vo. *London*, 1825.
- . Outlines of Mineralogy, Geology, and Mineral Analysis. 2 vols. 8vo. *London*, 1836.

- Thomson (Thomas).** *A System of Chemistry.* 5th edition. 4 vols. 8vo. *London*, 1817.
- . See **HOOKE** (*Sir Joseph Dalton*).
- Thomson (Sir William).** *On Geological Time.* (Tract.) 8vo. *Glasgow*, 1871.
- Thomson (William), Archbishop of York.** See **SERIALS** etc.: **LEEDS**. Philosophical and Literary Society.
- Thorburn (Richard).** See **ADMIRALTY PUBLICATIONS**.
- Thoré (—).** See **PARIS TO BREST**. Profil géologique, suivant le tracé du chemin de fer.
- Thorell (T.).** *Descriptions of the Araneæ collected in Colorado in 1875 by A. S. Packard.* (Tract.) 8vo. *Washington*, 1877.
- Thornton (Robinson).** *The varying tactics of Scepticism (during the last 150 years), being the Annual Address to the Victoria Institute . . . 1874.* (Tract.) 8vo. *London*, 1874.
- Thorp (W.).** *On the Agriculture of the West Riding of Yorkshire, considered geologically, and first of the New Red Sandstone district.* (Tract.) 8vo. *Leeds*, 1842.
- Thouars (A. A. Dupetit-).** See **DUPETIT-THOUARS (A. A.)**.
- Thurmann (Jules).** *Essai sur les soulèvements jurassiques du Porrentruy.* 4to. *Paris, Strasburg, and Brussels*, 1832.
- . ——. *Second cahier.* 2 copies. 4to. *Porrentruy*, 1836.
- . *Essai de phytostatique appliqué à la chaîne du Jura et aux contrées voisines.* 2 vols. 8vo. *Bonn*, 1849.
- . *Essai d'orographie jurassique.* [Œuvre posthume.] (Tract.) 4to. *Geneva*, 1856–57.
- and **Etallon (A.).** *Lethæa Bruntrutata, ou études paléontologiques et stratigraphiques sur le Jura bernois.* 4to. *Zurich*, 1861.
- Thurnfeld (Ferdinand von).** *Biographical Notice.* See **HAIDINGER (Wilhelm von)**.
- Thury (L. E. T. Héricart de-).** See **HÉRICART-DE-THURY (L. E. T.)**.
- Tiberi (Nicola).** *Descrizione di alcuni nuovi testacei viventi nel Mediterraneo.* (Tract.) 2 copies. 8vo. *Naples*, 1855.
- . *Description d'espèces nouvelles de la mer Méditerranée.* (Tract.) 8vo. *Paris*, 1863.
- . *Description d'une espèce nouvelle du genre Xenophora.* (Tract.) 8vo. *Paris*, 1863.
- . *Sur les espèces du genre Cassidaria qui vivent dans la Méditerranée.* (Tract.) 8vo. *Paris*, 1863.
- Tiddeman (R. H.).** *Second and Third Reports of the Victoria Cave Exploration Committee.* (Tract.) 2 copies. 8vo. *Lancaster*, 1874–75.
- . *The work and problems of the Victoria Cave Exploration.* (Tract.) 8vo. *Leeds*, 1875.
- . See **SURVEYS: ENGLAND AND WALES**.
- Tilesius (A. von).** *On the Mammoth or Fossil Elephant, found in the ice at the mouth of the River Lena, in Siberia.* Translated and abridged. (Tract.) 4to. *London*, 1819.
- . See **ROSENMÜLLER (J. C.)**.
- Tilley (Thomas George).** *An Inaugural Lecture on Chemistry, read in the Queen's College, Birmingham, 1844.* (Tract.) 8vo. *Birmingham*, 1844.
- Timins (J. H.).** *On the Chemical Geology of the Malvern Hills.* (Tract.) 8vo. *Edinburgh*, 1862.

- Toczynski** (Friedrich). Ueber die Platincyranide und Tartrate des Berylliums. (Tract.) 8vo. *Dorpat*, 1871.
- Toll** (Adrian). See **BOETIUS DE BOOT** (Anselm).
- Tollard** (Henri). See **FONTENELLE** (Julia de).
- Tomlinson** (Charles). Two days on the Chesil Bank. With observations on Shingle. (Tract.) 8vo. *London*, 1865.
- Tondi** (Matteo). Tableau synoptique d'Oréognosie, ou Connoissance des montagnes ou roches. (Tract.) 2 copies. 8vo. *Paris*, 1811.
- . Catalogo delle sue collezioni orittologica ed oreognostica. (Tract.) 8vo. *Naples*, 1837.
- Tooke** (A. W.). The Mineral Topography of Great Britain. (Tract.) 8vo. *London*, 1836.
- Topley** (William). Notes on the Physical Geography of East Yorkshire. (Tract.) 8vo. *London*, 1866.
- . On the Lower Cretaceous Beds of the Bas-Boulonnais, with notes on their English equivalents. (Tract.) 8vo. *London*, 1868.
- . On the Comparative Agriculture of England and Wales. (Tract.) 8vo. *London*, 1871.
- . Geology of the Straits of Dover. (Tract.) 8vo. *London*, 1872.
- . On the Agricultural Geology of the Weald. (Tract.) 8vo. *London*, 1872.
- . On the Correspondence between some areas of apparent upheaval and the thickness of subjacent beds. (Tract.) 8vo. *London*, 1874.
- . Report on the Water Supply of Hastings. (Tract.) Fol. *Hastings*, 1875.
- . The Geology of the Weald. See **SURVEYS: ENGLAND AND WALES**.
- . See **FOSTER** (C. Le Neve).
- Torell** (Otto). Bidrag till Spitzbergens molluskfauna. 8vo. *Stockholm*, 1859.
- . See **SURVEYS: SWEDEN**.
- Torfino de San Miguel** (Vicente). España marítima, or Spanish Coasting Pilot, containing directions for navigating the coasts and harbours of Spain in the Atlantic and Mediterranean, with the Balearic Islands and coast of Portugal. Translated from the Spanish by John Dougall, 4to. *London*, 1812.
- Torio** (Andrea de). Real Museo Borbonico. Oficina de' papiri. (Tract.) 8vo. *Naples*, 1825.
- Törnebohm** (A. E.). See **SURVEYS: SWEDEN**.
- Toronto Meteorological Observatory**. Observations made at the Magnetical and Meteorological Observatory at Toronto, in Canada. Printed under the superintendence of Edward Sabine. Vols. I.—III. 4to. *London*, 1845–57.
- Torrey** (John). An Account of the Columbite of Haddam, Connecticut. (Tract.) 8vo. *New York*, 1824.
- . See **RED RIVER** and **SURVEYS: NEW YORK**. Natural History of New York.
- Torrubia** (Joseph). Vorbereitung zur Naturgeschichte von Spanien; aus dem Spanischen übersetzt von C. G. von Murr. 4to. *Halle*, 1773.
- Toscan** (G.). See **SPALLANZANI** (L.).
- Toscani** (C.). See **CAMPANI** (G.).

- Totten** (Joseph G.). [On deepening the channel at the mouth of the Mississippi River.] (Tract.) 8vo. *Washington*, 1840.
- Toula** (Franz). Eine Kohlenkalk-Fauna von den Barents-Inseln. (Tract.) 8vo. *Vienna*, 1875.
- . Permo-Carbon-Fossilien von der Westküste von Spitzbergen (Bel-sund, Cap Staratschin, Nordfjord) gesammelt von Dr. Richard von Drasche. (Tract.) 8vo. *Stuttgart*, 1875.
- . Eine geologische Reise in den westlichen Balkan und in die benachbarten Gebiete. 8vo. *Vienna*, 1876.
- Tournouër** (R.). Note stratigraphique et paléontologique sur les faluns du département de la Gironde. (Tract.) 8vo. *Paris*, 1862.
- . Note sur la présence des Nummulites dans l'étage à *Natica cras-satina*, du bassin de l'Adour. (Tract.) 8vo. *Paris*, 1863.
- . Sur les terrains tertiaires supérieurs du bassin de Théziers (Gard), et sur le niveau géologique du *Potamides Basteroti* dans le bassin du Rhône. (Tract.) 8vo. *Paris*, 1874.
- . See GAUDRY (Albert).
- Tourrette** (Dr.). Memoir concerning the acidulous, gaseous, bicarbonated, sodaic waters of Vals, Ardèche. (Tract.) 8vo. *Paris*, 1865.
- Toussaint** (—). Manuel d'Architecture, ou traité de l'art de bâtir. 12mo. *Paris*, 1828.
- Townshend** (Chauncy Hare). Bequest of Gems, etc. to the South Ken-sington Museum. See TENNANT (James).
- Townsend** (Horatio). Statistical Survey of the county of Cork. 8vo. *Dublin*, 1810.
- Townsend** (Joseph). The character of Moses established for veracity as an historian. Recording events from the Creation to the Deluge. 4to. *Bath*, 1813.
- Townson** (Robert). Philosophy of Mineralogy. 8vo. *London*, 1798.
- . Tracts and observations in Natural History and Physiology. (Tract.) 8vo. *London*, 1799.
- Towson** (John Thomas). Tables for the reduction of Ex-Meridian Altitudes. (Tract.) 8vo. *London*, 1849.
- . Icebergs in the Southern Ocean. (Tract.) 8vo. *Liverpool*, 1859.
- Toynbee** (H.). See FRANCE. Dépôt de la Marine.
- Tozzetti** (Antonio Targioni-). See TARGIONI-TOZZETTI (Antonio).
- Trafford** (F. W. C.). Amphiorama, ou la Vue du Monde : des montagnes de la Spezia. Phénomène inconnu, pour la première fois observé et décrit. 8vo. *Zurich*, 1874.
- . —. 2^e notice. La marée dans le bassin du Spitzberg et le flot qui contourne la tête du Groënland, aussi l'arrivée de la lumière au pôle. 8vo. *Zurich*, 1875.
- . —. 2^{me} édition. 8vo. *Lausanne*, 1877.
- Traill** (George William). An elementary treatise on Quartz and Opal. 8vo. *Edinburgh*, 1867.
- Traill** (Thomas Stewart). Account of a Mineral from Orkney. (Tract.) 8vo. *Edinburgh*, 1817.
- Traquair** (Ramsay H.). On the structure and affinities of *Tristichopterus alatus*, Egerton. (Tract.) 4to. *Edinburgh*, 1875.
- . On new and little-known Fossil Fishes from the Edinburgh dis-trict. No. 1. (Tract.) 8vo. *Edinburgh*, 1877.

- Traquair** (Ramsay H.). The Ganoid Fishes of the British Carboniferous Formations. [Palæontographical Society.] 4to. London, 1877.
- Trask** (John B.). Report on the Geology of the Coast Mountains, and part of the Sierra Nevada; embracing their industrial resources in agriculture and mining. (Tract.) 8vo. Washington, 1854.
- . Report on the Geology of the Coast Mountains; embracing their agricultural resources and mineral productions; also portions of the middle and northern mining-districts. (Tract.) 8vo. Washington, 1855.
- . Description of a new species of Ammonite and Baculite from the Tertiary Rocks of Chico Creek. (Tract.) 8vo. San Francisco, 1856.
- . [On Earthquakes in California.] (Tract.) 8vo. San Francisco, 1856.
- . Report on the Geology of Northern and Southern California. (Tract.) 8vo. Washington, 1856.
- Trautschold** (H.). Ueber den Korallenkalk des russischen Jura. (Tract.) 8vo. Moscow, 1862.
- . Der glanzkörnige braune Sandstein bei Dmitrijewa-gora an der Oka. (Tract.) 8vo. Moscow, 1863.
- . Nomenclator palæontologicus der jurassischen Formation in Russland. (Tract.) 8vo. Moscow, 1863.
- . Zeichen der permischen Zeit im Gouvernement Moscou. (Tract.) 8vo. Moscow, 1863.
- . (Der ersten Naturforscherversammlung in Russland.) Einige Crinoideen und andere Thierreste des jüngeren Bergkalks im Gouvernement Moskau. (Tract.) 8vo. Moscow, 1867.
- . Der südöstliche Theil des Gouvernements Moskau. (Tract.) 8vo. St. Petersburg, 1867.
- . Die Laterne des Diogenes von *Archæocidaris rossicus*. (Tract.) 8vo. Moscow, 1868.
- . Die Meteoriten des Mineraliencabinets der kaiserlichen Ackerbau- und Forst-Akademie zu Petrowskoje Rasumowskoje bei Moskau. (Tract.) 8vo. Moscow, 1868.
- . Ueber säkulare Hebungen und Senkungen der Erdoberfläche. (Tract.) 8vo. Moscow, 1869.
- . Юго-Западная Часть.—The Geology of the South-western portion of the Government of Moscow. (Tract.) 8vo. St. Petersburg, 1870.
- . Die Kalkbrüche von Mjatschkowa. Eine Monographie des oberen Bergkalks. (Tracts.) 4to. Moscow, 1874–79.
- . See AUERBACH (J. B.) and KROPOTKIN (Fürst P.).
- Travers** (Benjamin). The Hunterian Oration, delivered in the Theatre of the Royal College of Surgeons in London, on the 14th of February, 1838. 4to. London, 1838.
- Treadwell** (Daniel). On the practicability of constructing Cannon of great caliber, capable of enduring long-continued use under full charges. (Tract.) 8vo. Cambridge, Mass., 1856.
- Trebra** (Friedrich Wilhelm Hendrik von). Erklärungen der Bergwerks-Charte von dem wichtigsten Theil der Gebürge im Bergamtsrefier Marienburg. 8vo. Annaberg, 1770.
- . Het Merkwaardigste der Bergwerkgeschiedenisse van het gewichtigste Gedeelte der Gebergten, in het Berg-Ampts Distrikt van Marienberg. (Tract.) 8vo. Amsterdam, 1771.

- Trebra** (Friedrich Wilhelm Hendrik von). *Erfahrungen vom Innern der Gebirge.* Fol. *Dessau and Leipzig*, 1785.
- Tremenheere** (G. B.). *Report on the Tin and other Mineral productions of the Tenasserim Provinces; and Remarks on the Report &c., by T. Oldham.* (Tract.) 8vo. *Calcutta*, 1852.
- Trench** (R.). See *SURVEYS: ENGLAND AND WALES.*
- Trenkner** (W.). *Paläontologische Novitäten vom nordwestlichen Harze. 2^{te} Abtheilung; Spiriferensandstein, Calceolaschiefer, Wissenbacher Schiefer und Cypridinenschiefer.* (Tract.) 4to. *Halle*, 1868.
- Trentinaglia-Telvenburg** (Josef von). *Das Gebiet der Rosanna und Trisanna.* 8vo. *Vienna*, 1875.
- Triayre et Jurine.** *Rapports sur leur établissement des eaux minérales factices.* (Tract.) 8vo. *Paris*, 1810.
- Triger** (—). See *COTTEAU* (Gustave) and *VERNEUIL* (Ed. de).
- Trimmer** (Joshua). *On the Diluvial deposits of Caernarvonshire, between the Snowdon chain of Hills and the Menai Strait, &c.* (Tract.) 8vo. *London*, 1834.
- . *On the Diluvial or Northern Drift of the Eastern and Western sides of the Cambrian Chain, &c.* (Tract.) 2 copies. 8vo. *Dublin*, 1838.
- . *Practical Geology and Mineralogy.* 8vo. *London*, 1841.
- . *On the Geology of Norfolk, as illustrating the Laws of the Distribution of Soils.* (Tract.) 3 copies. 8vo. *London*, 1847.
- . *Proposals for a Geological Survey, specially directed to agricultural objects.* (Tract.) 2 copies. 8vo. *London*, 1850.
- . *On the Agricultural Geology of England and Wales.* (Tract.) 8vo. *London*, 1851.
- (*Anon.*). *The Geology of the Surface and Agriculture.* Review. (Tract.) 8vo. *Edinburgh?*, 1852.
- . *On the Agricultural Relations of the Western Portion of the Hampshire Tertiary district, etc.* 8vo. *London*, 1855.
- . *The Keythorpe System of Land Drainage.* 8vo. *London*, 1857.
- Trimmer** (William Kirby). *An account of some Organic Remains found near Brentford, Middlesex.* 4to. *London*, 1813.
- Trinker** (Joseph). See *WIDMANN* (Hermann von).
- Troil** (Uno von). *Letters on Iceland.* 2nd edition. 8vo. *London*, 1780.
- Tromelin** (Gaston le Goarant de). *Etude de la faune du grès silurien de May, Jurques, Campandré, Mont-Robert, etc. (Calvados), avec des observations sur divers fossiles paléozoïques de l'ouest de la France.* (Tract.) 8vo. *Caen*, 1876.
- . *Etude sommaire des faunes paléozoïques du Bas-Languedoc: Extrait.* (Tract.) 8vo. *Havre*, 1877.
- . *Etude des terrains paléozoïques de la Basse-Normandie, particulièrement dans les départements de l'Orne et du Calvados.* (Tract.) 8vo. *Paris*, 1878.
- and **Lebesconte** (Paul). *Essai d'un catalogue raisonné des fossiles siluriens des départements de Maine-et-Loire, de la Loire-inférieure et du Morbihan, avec des observations sur les terrains paléozoïques de l'ouest de la France.—Présentation de fossiles paléozoïques du département d'Ille-et-Vilaine et note additionnelle sur la faune silurienne de l'ouest de la France.* (Tract.) 8vo. *Paris*, 1875.

- Tromelin** (Gaston le Goarant de) and **Lebesconte** (Paul). Note sur quelques fossiles des grès siluriens de Saint-Germain-sur-Ille, La Bonexière, Champeaux, &c. (Ille-et-Vilaine). (Tract.) 2 copies.
8vo. *Quimper*, 1875.
- . Observations sur les terrains primaires du nord du département d'Ille-et-Vilaine, et de quelques autres parties du massif Breton (paléozoïque de l'ouest de la France). (Tract.)
8vo. *Meulan*, 1877.
- Troost** (G.). Description of a new crystalline form of the Andalusite. (Tract.)
8vo. *Philadelphia*, 1824.
- . See SURVEYS: TENNESSEE.
- Troschel** (F. H.). See WAGNER (J. A.).
- Trumbull** (J. Hammond). On some alleged Specimens of Indian Onomatopœia. (Tract.)
8vo. *New Haven*, 1870.
- Trumphius** (Joh. Cour.). Epistola, qua sistitur 'ΥΣΤΕΡΟΡΥΚΤΕΡΕΥΜΑ circa Goslarium. (Tract.)
4to. *Stade*, 1733.
- Tryon** (George W., Jun.). See LEA (Isaac).
- Tschermak** (J. L. Gustav). Das Trachytgebirge bei Banow in Mähren. (Tract.)
8vo. *Vienna*, 1858.
- . Die porphyrgesteine Oesterreichs aus der mittleren geologischen Epoche.
8vo. *Vienna*, 1869.
- . Mikroskopische Unterscheidung der Mineralien aus der Augit-, Amphibol- und Biotitgruppe. (Tract.)
8vo. *Vienna*, 1869.
- . Die Bildung der Meteoriten und der Vulkanismus. (Tract.)
8vo. *Vienna*, 1875.
- Tschudi** (J. J.). Classification der Batrachier, mit Berücksichtigung der fossilen Thiere dieser Abtheilung der Reptilien.
4to. *Neufchatel*, 1837.
- Tuckey** (James Kingston). Narrative of an expedition to explore the River Zaire, usually called the Congo, in South Africa, in 1816. To which is added the Journal of Prof. Smith.
4to. *London*, 1818.
- Tulk** (Alfred). See OKEN (Lorenz) and WAGNER (J. A.).
- Tuomey** (M.) and **Holmes** (F. S.). Fossils of South Carolina. Nos. 1–15 (No. 8 missing).
4to. *Charleston*, 1855–56.
- . See SURVEYS: ALABAMA.
- Turin**. Regio Osservatorio. Catalogo delle Leoneidi o stelle meteoriche del periodo di Novembre osservate nel 1867 . . . dal Alessandro Dorna; [also] Effemeridi della luna calcolate per Torino in tempo medio civile di Roma per anno 1868 dal Giuseppe Mazzola. (Tract.)
4to. *Turin*, 1868.
- Turner** (Dawson). See WOODWARD (Samuel).
- Turner** (Edward). Elements of Chemistry, including the recent discoveries and doctrines of the science. 3rd edition.
8vo. *London*, 1831.
- . 4th edition.
8vo. *London*, 1833.
- . 5th edition.
8vo. *London*, 1834.
- . 6th edition, including the actual state and prevalent doctrines of the science. Edited by J. Liebig, W. G. Turner, and W. Gregory.
8vo. *London*, 1842.
- . 7th edition. Edited by Justus Liebig and William Gregory.
8vo. *London*, 1840.

- Turner (H. N., Jun.).** On the evidences of Affinity afforded by the Skull in the Ungulate Mammalia. (Tract.) 8vo. *London*, 1850.
- Turner (W. W.).** See RED RIVER.
- Turton (William).** See LINNÉ (Carolus a).
- Twemlow (George).** The Old Chalk-Ocean Cemetery. "Printed but not Published." MS. Additions. No date.
- Tylor (Alfred).** On Changes of the Sea-level effected by existing physical causes during stated periods of time. (Tract.) 8vo. *London*, 1853.
- . Report on Class XXXI. [International Exhibition, 1862]. Manufactures in Iron, Copper, &c., and general Hardware. (Tract.) 4to. *London*, 1862.
- . Industrie und Schule. Mittheilungen aus England. Auf Veranlassung der königl. württemb. Centralstelle für Gewerbe und Handel, deutsch bearbeitet von D. Bernhard v. Engler. 8vo. *Stuttgart*, 1865.
- . On the Formation of Deltas; and on the evidence and cause of great changes in the Sea-level during the Glacial period. 8vo. *London*, 1868–72.
- . See EXHIBITION OF 1857.
- Tylor (Edward B.).** Anahuac, or Mexico and the Mexicans, ancient and modern. 8vo. *London*, 1861.
- . Researches into the early History of Mankind, and the development of Civilization. 8vo. *London*, 1865.
- Tyndall (John).** Comparative view of the Cleavage of Crystals and Slate Rocks. (Tract.) 8vo. *London*, 1856.
- . On some Physical Properties of Ice. (Tract.) 4to. *London*, 1857.
- . On the Physical Phenomena of Glaciers. Part I. Observations on the Mer-de-Glace. (Tract.) 4to. *London*, 1858.
- . On the Mer-de-Glace. (Tract.) 8vo. *London*, 1858.
- . On the Veined Structure of Glaciers; with observations upon white ice-seams, air-bubbles, and dirt-bands, and remarks upon glacier theories. (Tract.) 4to. *London*, 1859.
- . Heat a mode of Motion. 4th edition. 8vo. *London*, 1870.
- and **Huxley (Thomas Henry).** On the Structure and Motion of Glaciers. (Tract.) 4to. *London*, 1857.
- Tyne, Wear, and Tees.** Industrial Resources. See ARMSTRONG (W. G.).
- Tyrol and Vorarlberg.** Verzeichniss der seit dem Jahre 1814 erschienenen Druckschriften über Tyrol und Vorarlberg. (Tract.) 8vo. *Innsbruck*, 1826?
- Tyson (Philip T.).** First Report (as) State Agricultural Chemist, to the House of Delegates of Maryland, 1860. (Tract.) 8vo. *Annapolis*, 1860.
- . See CALIFORNIA.
- Tytler (William Fraser).** Notice respecting the Journey to the Sources of the Jumna and the Ganges. (Tract.) 8vo. *Edinburgh*, 1819.

U.

- Ubal dini (G.).** See LUCA (S. de).
- Uhde (Charles).** Catalogue des objets formant son Musée Aztéco-mexicain. (Tract.) 8vo. *Paris*, 1857.

- Uhler** (P. R.). Report upon the Insects collected by P. R. Uhler during the Explorations of 1875, including Monographs of the families Cydnidæ and Saldæ, and the Hemiptera collected by A. S. Packard, jun. (Tract.) 8vo. *Washington*, 1877.
- . Continuation of the Report. (Tract.) 8vo. *Washington*, 1877.
- Ullmann** (Johann Christoph). Mineralogische, berg- und hüttenmännische Beobachtungen über die Gebirge, Grubenbaue und Hüttenwerke der hessen-casselischen Landschaft an der Edder. 8vo. *Marburg*, 1803.
- Ulrich** (George H. F.). Contributions to the Mineralogy of Victoria. (Tract.) 2 copies. 8vo. *Melbourne*, 1870.
- . Descriptive Catalogue of the specimens in the Industrial and Technological Museum, Melbourne, illustrating the Rock System of Victoria. 8vo. *Melbourne*, 1875.
- . Report on the Auriferous Quartz Reefs and Crushing Machines of the Province of Otago, New Zealand, with Remarks on Auriferous Drifts and Occurrences of Copper Ore, Cinnabar, Grey Antimony, and Brown Coal in different parts of the Province. (Tract.) Fol. *Melbourne*, 1875.
- . Die Zukunft der Goldausbeute in Australien. (Tract.) 8vo. *Stuttgart*, 1879.
- . See HUTTON (F. W.), SELWYN (Alfred R. C.), STUDER (G.), and SURVEYS: VICTORIA.
- Ulrichs** (H. N.). Topography of the harbours, and position of the long walls of Athens; translated from the Modern Greek, and collated with the German version by Ewing Pye Colquhoun. (Tract.) 8vo. *London*, 1847.
- Unanue** (Hipólito). Observaciones sobre el clima de Lima, y sus influencias en los seres organizados, en especial el hombre. 2a edicion. 4to. *Madrid*, 1851.
- Unger** (Fr.). Synopsis Plantarum fossilium. 2 copies. 8vo. *Leipzig*, 1845.
- . Sylloge Plantarum fossilium. Sammlung fossiler Pflanzen besonders aus der Tertiärformation. 4to. *Vienna*, 1860.
- . See NOVARA EXPEDITION.
- United States**. Department of Agriculture. Reports of the Commissioner of Agriculture for the years 1867–71 and 1873. 8vo. *Washington*, 1870–74.
- . Monthly Reports of the Department of Agriculture for the years 1871–74. 8vo. *Washington*, 1872–75.
- . Department of the Interior. Annual Report of the Secretary for the year 1869. 8vo. *Washington*, 1869.
- . Abstract of the Seventh Census (1851). Third edition. (Tract.) Fol. *Philadelphia*, 1851.
- . Exploring Expedition, during the years 1838, 1839, 1840, 1841, and 1842. Under the command of Charles Wilkes. Vol. X. Geology, by J. D. Dana, with a folio atlas of twenty-one plates. Vol. XV. The Geographical Distribution of Animals and Plants. By Charles Pickering. (Part I. Chronological observations on introduced Animals and Plants.) Fol. *Boston and London*, 1849–54.
- . Narrative of the United States Exploring Expedition during the years 1838–1842. By Charles Wilkes. 8vo. *New York*, 1856.

- United States.** Message from the President of the United States to the two Houses of Congress, at the commencement of the first session of the Thirty-first Congress, 1849. Parts I.—III. 3 vols. 8vo. *Washington*, 1849.
- . Naval Astronomical Expedition to the Southern Hemisphere during the years 1849–50–51–52. Lieut. J. M. Gilliss, Superintendent. Vols. I.—III. and VI. 4to. *Washington*, 1855–56.
- . Naval Observatory, Washington. Astronomical Observations made under the direction of M. F. Maury, during the year 1845. Vol. I. 4to. *Washington*, 1846.
- . Patent Office. Reports of the Commissioner of Patents for the years 1850, 1851, 1853–59, and 1861–71. (Incomplete.) 40 vols. 8vo. *Washington*, 1851–72.
- . Patent Office and Smithsonian Institution. Results of Meteorological Observations made from the year 1854 to 1859 inclusive. Vols. I. and II. part 1. 4to. *Washington*, 1861.
- . Statistical Report on the Sickness and Mortality in the Army of the United States, by Richard H. Coolidge. 4to. *Washington*, 1860.
- . Statistics of the Foreign and Domestic Commerce. March 12, 1863. 8vo. *Washington*, 1864.
- . Treasury Department. Annual Report of the Comptroller of the Currency [J. J. Knox] to the third Session of the Forty-fifth Congress. December 2, 1878. (Tract.) 8vo. *Washington*, 1878.
- . Annual report of the Comptroller of the Currency to the second Session of the 46th Congress. 8vo. *Washington*, 1879.
- . War Department. Reports of the Secretary of War, with Reconnaissances of routes from San Antonio to El Paso; also the Report of Capt. R. B. Marcy's route from Port Smith to Santa Fé; and the Report of Lieut. J. H. Simpson of an Expedition into the Navajo country, etc. 8vo. *Washington*, 1850.
- . ———. Report of the Secretary of War. (1866.) 8vo. *Washington*, 1866.
- . ———. Annual Report of the Chief Signal-Officer to the Secretary of War for the year 1872. 8vo. *Washington*, 1873.
- and **British Provinces.** Catalogue of Official Reports upon Geological Surveys. (Tract.) 8vo. *New Haven*, 1867.
- Unwin** (George). Letters, Remarks, &c., with a view to open an extensive trade in the Article of Tin, from the County of Cornwall to India, Persia, and China. 8vo. *London*, 1790.
- Upham** (Warren). See **HITCHCOCK** (C. H.); and **SURVEYS**, **NEW HAMPSHIRE**.
- Urdahl** (H.). Om et elektrisk phænomen. (Tract.) 8vo. *Christiania*, 1832–33.
- Ure** (Andrew). A new System of Geology, in which the Great Revolutions of the Earth and Animated Nature are reconciled at once to Modern Science and Sacred History. 8vo. *London*, 1829.
- . Dictionary of Arts, Manufactures, and Mines. 5th edition. 3 vols. 8vo. *London*, 1860.
- . Dr. Andrew Ure. A slight sketch, reprinted from 'The Times,' etc., of January, 1857. 12mo. *London*, 1875.

- Ure** (David). The History of Rutherglen and East Kilbride.
8vo. *Glasgow*, 1793.
- Uricoechea** (E.). See SERIALS: BOGOTÁ. Sociedad de Naturalistas Neo-Granadinos.
- Usher** (W.). See NOTT (J. C.).
- Ussher** (W. A. E.). The Post-tertiary Geology of Cornwall. (Tract.)
8vo. *Hertford*, 1879.
- . See SURVEYS: ENGLAND AND WALES.
- Uttinger** (—). Geognostische Bereisung der Alpe Mauriz. (Tract.)
8vo. *Innsbruck*, 1824.
- Uzielli** (G.). Conclusioni di una memoria sulle argille scagliose dell'Apennino. (Tract.)
8vo. *Rome*, 1879.

V.

- Vagnon** (Antoine). Notice sur le corindon rouge-jaunâtre de Traverselle, vallée de Brozzo, etc. (Tract.)
4to. *Turin*, 1813.
- Valentin** (G.). Anatomie des Echinodermes. Première Monographie: anatomie du genre *Echinus*.
4to. *Neufchatel*, 1841.
- Valentin** (Ph.). Manuel du charpentier, ou traité complet et simplifié de cet art.
12mo. *Paris*, 1827.
- Vallisneri** (Antonio). De' corpi marini che su' monti si trovano. 2nd edition.
4to. *Venice*, 1728.
- 'Valorous' Expedition**. Papers by Dr. Gwyn Jeffreys and Dr. Carpenter. (Tract.)
8vo. *London*, 1876.
- . Reports by Dr. Gwyn Jeffreys and Dr. W. B. Carpenter.
8vo. *London*, 1876.
- Vancouver Island**. Exploration. (Report by Robert Brown.) (Tract.)
8vo. *Victoria, V. I.*, 1864.
- Van den Broeck** (Ernest). Aperçu sur la géologie des environs de Bruxelles. (Tract.)
8vo. *Lille*, 1876.
- . Seconde lettre sur quelques points de la géologie de Bruxelles, adressée à M. Ortlieb. (Tract.)
8vo. *Lille*, 1877.
- and **Miller** (Henry). (Esquisse géologique et paléontologique des dépôts pliocènes des environs d'Anvers. 1^{re} partie. Fascicule 1. Les Sables inférieurs d'Anvers.) Les Foraminifères des couches pliocènes de la Belgique. (Tract.)
8vo. *Brussels*, 1876.
- Van der Hoeven** (J.). Handbook of Zoology. Translated from the second Dutch edition by the Rev. William Clark. 2 vols.
8vo. *Cambridge and London*, 1856.
- . Catalogue de la célèbre collection de crânes provenant de J. van der H. (Tract.)
8vo. *Leyden*, 1875.
- Van der Maelen** (P.). Dictionnaire géographique des provinces de Liège, Flandre, Luxembourg, Hainaut, Namur, Limbourg. 5 vols.
8vo. *Brussels*, 1831.
- . Dictionnaire géographique du Limbourg. 2 vols. 8vo. *Brussels*, 1835.
- . See HEUSCHLING (Xavier); POTENTI (Giuseppe); and SERIALS, etc., BRUSSELS. Etablissement géographique.
- Van der Wyck** (H. J.). Uebersicht der rheinischen und Eifeler erloschenen Vulkane und der Erhebungs-Gebilde, etc. (Tract.) 8vo. *Bonn*, 1826.

- Van Rensselaer (Jer.).** An Essay on Salt, embracing a particular description of the American Salines. (Tract.) 8vo. *New York*, 1823.
- Van Rensselaer (Stephen).** A Geological and Agricultural Survey of the District adjoining the Erie Canal. Part I. containing a description of the rock formations. 8vo. *Albany*, 1824.
- Vanuxem (Lardner).** See **SURVEYS: NEW YORK.** Natural History of New York.
- Van Voorst (John).** Books published by *him*. (Tract.) 8vo. *London*, 1862.
- Vargas (Juan Manuel).** See **RIVERO (Mariano Eduardo de).**
- Varley (D.).** Rudimentary Treatise on Mineralogy. 3rd edition. To which is added a Treatise on Rocks or Mineral Aggregates, by James Dana. 12mo. *London*, 1856.
- Vaughan (William).** Memoir of William Vaughan, Esq., F.R.S., with miscellaneous pieces relative to Docks, Commerce, etc. (Autobiography.) 8vo. *London*, 1839.
- Vauhello (— Le Saulnier de).** See **LE SAULNIER DE VAUHELLO (—).**
- Vauquelin (Louis Nicolas).** Biography. See **CHEVALLIER (J. B. A.).**
- Vautibault (— Gazeau de).** See **GAZEAU DE VAUTIBAUT (—).**
- Vaux (A. de).** Statistique. Mines, minières, usines minéralurgiques et machines à vapeur. Compte rendu des deux dernières publications du département des travaux publics. (Tract.) 8vo. *Brussels*, 1855.
- . Etude des moyens propres à soustraire les ouvriers mineurs au danger d'asphyxie à la suite des coups de feu. (Tract.) 8vo. *Brussels*.
- . Note sur un ventilateur breveté en faveur de M. Struve. (Tract.) 8vo. *Brussels*.
- Veith (Heinrich).** Deutsches Bergwörterbuch mit Belegen. 8vo. *Breslau*, 1871.
- Vélain (Charles).** Description géologique de la presqu'île d'Aden, de l'île de la Réunion, des îles Saint-Paul et Amsterdam. 4to. *Paris*, 1878.
- . Mission de l'île Saint-Paul. Recherches géologiques faites à Aden, à la Réunion, aux îles Saint-Paul et Amsterdam, aux Seychelles. 8vo. *Paris*, 1879.
- Velasquez de la Cadena (Mariano).** See **DICTIONARIES, Spanish and English.**
- Veltheim (A. F. von).** Etwas über die Bildung des Basalts und die vormahlige Beschaffenheit der Gebirge in Deutschland. 8vo. *Leipzig*, 1787.
- . Gedanken über die Bildung des Basalts und die vormahlige Beschaffenheit der Gebirge in Deutschland. 8vo. *Brunswick*, 1789.
- Vennor (Henry G.).** Report . . . on the Geology of Hastings County Ontario, etc. (Tract.) 8vo. *Montreal*, 1870.
- Venturi Gallerani (Giovanni).** Saggio di produzioni naturali dello Stato sanese che si ritrovano nel suo museo. (Tract.) 8vo. *Sienna*, 1750.
- Verbeek (R. D. M.) and Böttger (O.).** Die Eocänformation und ihre Versteinerungen. Theil I. 4to. *Cassel*, 1875.
- Vergnaud (A. D.).** Manuel de perspective du dessinateur et du peintre. 12mo. *Paris*, 1825.
- . See **RIFFAULT (J.).**

- Verneuil** (Philippe Edouard Poullétier de). Obituary Notice. See DAUBRÉE (A.).
- . Mémoire géologique sur la Crimée, suivi d'observations sur les fossiles de cette péninsule, par M. Deshayes. (Tract.) 4to. *Paris*, 1837.
- . Notice sur la structure géologique de l'Espagne. (Tract.) 8vo. *Caen*, 1853.
- . See DAVIDSON (Thomas), MURCHISON (Sir Roderick Impey), PRADO (Casiano de), and TCHIHATCHEFF (Pierre de).
- and Collomb (E.). Coup d'œil sur la constitution géologique de plusieurs provinces de l'Espagne; suivi d'une description de quelques ossements fossiles du terrain miocène, par P. Gervais. (Tract.) 4to. *Paris*, 1853.
- . Note à l'occasion de deux coupes géologiques générales faites à travers l'Espagne, du nord au sud et de l'est à l'ouest. (Tract.) 4to. *Paris*, 1853.
- . Géologie du sud-est de l'Espagne. Résumé succinct d'une excursion en Murcie et sur la frontière d'Andalousie, etc. (Tract.) 8vo. *Paris*, 1856.
- , ——, and Lorière (— de). Note sur les progrès de la géologie en Espagne pendant l'année 1854. (Tract.) 8vo. *Caen*, 1855.
- , ——, ——. Notes pour accompagner le tableau orographique d'une partie de l'Espagne. (Tract.) 4to. *Paris*, 1855.
- , ——, and Triger (—). Note sur une partie du pays Basque Espagnol, accompagnée d'une carte; et suivi d'une description de quelques Echinodermes, par M. G. Cotteau. (Tract.) 8vo. *Paris*, 1860.
- and Lartet (Louis). Note sur le calcaire à *Lychnus* des environs de Segura (Aragon). (Tract.) 2 copies. 8vo. *Paris*, 1863.
- . Note sur un silex taillé trouvé dans le diluvium des environs de Madrid. (Tract.) 2 copies. 8vo. *Paris*, 1863.
- Verona**. Ittiolithologia veronese del museo Bozziano ora annesso a quello del conte Giovambattista Gazola e di altri gabinetti di fossili veronesi (scritta dal Sign. G. S. Volta). Fol. *Verona*, 1796.
- Verrill** (A. E.). Corals and Polyps of the North Pacific Exploring Expedition, etc. (Tract.) 8vo. *Salem*, 1866.
- . On the Polyps and Corals of Panama, with descriptions of new species. (Tract.) 8vo. *Boston*, 1866.
- Verulam** (Lord). See BACON (Francis).
- Vesuvius**. Novissima relatione dell' incendio successo nel monte di Somma, 1631. (Tract.) 12mo. *Venice* and *Naples*, 1632.
- . Istoria dell' incendio del Vesuvio accaduto nel anno 1737; scritta per l'Accademia delle Scienze. (Tract.) 4to. *Naples*, 1738.
- . The Natural History of Mount Vesuvius, with the explanation of the various phenomena that usually attend the eruptions of this celebrated volcano. Translated from the original Italian, composed by the Royal Academy of Sciences at Naples. 8vo. *London*, 1743.
- . Recueil de toutes les vues qui existoient dans le cabinet du Duc de la Tour, et qui représentoient les incendies du Mont Vésuve. Fol. *Naples*, 1805.
- . Extract of a letter from Sorrento at the moment of the last eruption of Vesuvius. (From 'The Times.') *London*, 1835.
- . See VOLCANOES.

- Viale-Prelà** (Benedetto Pr.). Sulla causa del diluvio universale. (Tract.)
8vo. *Rome*, 1874.
- Vibe** (A.). See **KEILHAU** (B. M.). *Gaea Norvegica*.
- Vibraye** (X. de). Sur la reproduction en bois de renne d'une tête (présumée) de Mammouth, et sur quelques morceaux d'ivoire travaillé provenant plus particulièrement des stations du Périgord. (Tract.)
4to. *Paris*, 1865.
- Victoria**. A Catalogue of Minerals, Rocks, and Fossils which have been collected in the Colony by the Mining Department, Melbourne, Victoria. (Tract.)
8vo. *Melbourne*, 1866.
- . Official Record, containing introduction, catalogues, reports, and recommendations of the exports, official awards of the Commissioners [London International Exhibition of 1873], and essays and statistics of the social and economic resources of the Colony of Victoria.
8vo. *Melbourne*, 1873.
- . Statistical tables referring to the Colony of Victoria. (Sheet.)
Melbourne, 1873.
- . The Victorian Government prize essays. 1860.
8vo. *Melbourne*, 1861.
- Acheson** (F.). On the Collection and Storage of Water.
- Story** (W.). On the Agriculture of Victoria.
- Rosales** (H.). On the Origin and Distribution of Gold in Quartzveins.
- Mayes** (C.). On the Development of the Resources of the Colony.
- . See **EXHIBITIONS** of 1862 and 1876.
- Vidal** (Adriano Augusto de Pina). See **PINA VIDAL** (Adriano Augusto de).
- Vienna**. Bericht über die Erhebungen der Wasserversorgungs-Commission des Gemeinderathes der Stadt Wien. Text. 4to. *Vienna*, 1864.
- Vignoles** (Charles). See **EXHIBITION** of 1862. London.
- Vilanova-y-Piera** (Juan). Memoria geognostico-agricola sobre la provincia de Castellon.
4to. *Madrid*, 1858.
- Villa** (Antonio). Intorno tre opere di malacologia del Sig. Drouet di Troyes. (Tract.)
8vo. *Milan*, 1856.
- . Intorno agli studj geologici e paleontologici sulla Lombardia da Antonio Stoppani. (Tract.)
8vo. *Milan*, 1858.
- and **Villa** (G. B.). Dispositio systematica conchyliarum terrestrium et fluviatilium quæ adservantur in eorum collectione etc. (Tract.)
8vo. *Milan*, 1841.
- ———. Catalogo dei molluschi della Lombardia. (Tract.)
8vo. *Milan*, 1844.
- ———. Sulla costituzione geologica e geognostica della Brianza e segnatamente sul terreno cretaceo. (Tract.)
8vo. *Milan*, 1844.
- ———. Notizie intorno al genere *Melania*. (Tract.) 2 copies.
8vo. *Milan*, 1855.
- ———. Gli Inocerami o Catilli della Brianza. (Tract.)
4to. *Milan*, 1858.
- ———. Cenni geologici sul territorio dell' antico distretto di Oggiono. (Tract.)
8vo. *Milan*, 1878.
- Villa** (Giovanni Battista). Osservazioni geognostiche e geologiche fatte in una gita sopra alcuni colli del Bresciano e del Bergamasco. (Tract.)
4to. *Milan*, 1857.

- Villa** (Giovanni Battista). Ulteriori osservazioni geognostiche sulla Brianza fatte dai fratelli Antonio e Gio. Battista Villa. (Tract.) 4to. *Milan*, 1857.
- Villefosse** (A. M. Héron de). See HÉRON DE VILLEFOSSE (A. M.).
- Villiers** (Alexandre de). Le nouveau géographe manuel. 3^{me} édition. 12mo. *Paris*, 1828.
- Villiers** (A. J. M. Brochant de). See BROCHANT DE VILLIERS (A. J. M.).
- Vincent** (G.). See LEFÈVRE (Théodore).
- Vincent** (Lev.). Elenchus Tabularum, Pinacothecarum, atque nonnullorum Cimeliorum, etc. 4to. *Haarlem*, 1719.
- Vine** (G. R.). See BRITISH ASSOCIATION. Sheffield Guide-Book.
- Viollet le Duc** (E.). Le massif du Mont Blanc, étude sur sa constitution géodésique et géologique, sur les transformations et sur l'état ancien et moderne de ses glaciers. Carte dressée au $\frac{1}{40000}$. 8vo. *Paris* and *Liège*, 1876.
- Viquesnel** (Auguste). Obituary Notice. See ARCHIAC (*Vic. d'*).
- . See SERIALS, ETC.: PARIS. Société Géologique de France.
- Virey** (—). See OLIVIER (—).
- Virgin Gorda Mines**. (Tract.) 8vo. *London*, 1842.
- Virlet d'Aoust** (Théodore). Lettre sur le déluge de la Samothrace. (Tract.) 8vo. *Paris*, 1831.
- . Notes géologiques sur les îles du nord de la Grèce, et, en particulier, sur un terrain de calcaire d'eau douce à lignites. (Tract.) 2 copies. 8vo. *Paris*, 1833.
- . Des comètes en général et de la formation de leurs queues. (Tract.) 8vo. *Avesnes*, 1835.
- . Des cavernes, de leur origine et de leur mode de formation. (Tract.) 8vo. *Avesnes*, 1836.
- . De l'origine des différens combustibles minéraux et des bois fossiles qui se rencontrent à la surface du globe. (Tract.) 8vo. *Paris*.
- . Notice sur les marbres. (Tract.) 8vo. *Paris*.
- . Notice sur les bitumes. (Tract.) 8vo. *Paris*.
- . Coup d'œil général et statistique sur la métallurgie, etc. (Tract.) 8vo. *Paris*, 1837.
- . Mémoire sur les filons en général, et le rôle qu'ils paraissent avoir joué dans les phénomènes du métamorphisme. (Tract.) 8vo. *Paris*, 1844.
- . Notes sur la géographie ancienne, &c. (Tract.) 8vo. *Paris*, 1845.
- . Notes sur quelques phénomènes de déplacements moléculaires qui se sont opérés dans les roches postérieurement à leur dépôt. (Tract.) 8vo. *Paris*, 1845.
- . Notes sur la coloration de certaines roches. (Tract.) 8vo. *Paris*, 1846.
- . Notice biographique sur M. Em. Le Puillon de Boblaye. (Tract.) 8vo. *Paris*.
- . Notes minéralogiques et géologiques sur le minerai de fer aluminieux pisolitique de Mouriés, dit aussi des Baux, Canton de Saint-Rémy, département des Bouches-du-Rhône. (Tract.) 8vo. *Paris*, 1865.
- . Phénomènes géologiques observés dans la tranchée de la Rue de Rome, etc. (Tract.) 8vo. *Paris*, 1865.

- Virlet d'Aoust** (Théodore). Sur les salures différentes et les différents degrés de salure de certains lacs du Mexique. (Tract.)
8vo. *Paris*, 1865.
- . Sur une faune pyrénéenne nouvelle des lignites miocènes d'Orignac; sur les ophites du pont de Pouzac et dans les environs de Bagnères-de-Bigorre; sur les phénomènes de diffusion moléculaire auxquels paraissent dus les quartz spongiaires des mêmes localités. (Tract.)
8vo. *Paris*, 1865.
- . Coup d'œil général sur la topographie et la géologie du Mexique et de l'Amérique centrale. (Tract.)
8vo. *Paris*, 1866.
- . Histoire des Kaïménis. (Tract.)
8vo. *Paris*, 1866.
- . Les origines du Nil. (Tract.)
8vo. *Paris*, 1872.
- . Sur une nouvelle théorie de la formation des comètes et de leurs queues. (Tract.)
4to. *Avesnes*, 1874.
- Visiani** (Roberto de). Piante fossili della Dalmazia, raccolte ed illustrate.
4to. *Venice*, 1858.
- . *Palmae pinnatae tertiariae agri Veneti.*
4to. *Venice*, 1864.
- . Della vita scientifica del Cav. Alberto Parolini. (Tract.)
8vo. *Venice*, 1867.
- and **Massalongo** (Abramo). Flora de' terreni terziarii di Novale nel Viventino.
4to. *Turin*, 1856.
- Vivenzio** (Giovanni). Istoria e teoria de' tremuoti in generale ed in particolare di quelli della Calabria e di Messina del 1783.
4to. *Naples*, 1783.
- Vivian** (E.). See **MACENERY** (J.).
- Vivian** (H. Hussey). Speech upon the Coal clause in the Commercial Treaty with France, 1860; together with a lecture on coal. (Tract.)
8vo. *London*, 1861.
- Vivian** (John Henry). Description of the process of amalgamation. (Tract.)
4to. *London*, 1825.
- Viviani** (Domenico). Memoria sopra una nuova specie di minerale scoperta in Liguria. (Tract.)
4to.
- . Voyage dans les Apennines de la ci-devant Ligurie. 2 copies.
4to. *Genoa*, 1807.
- Vogel** (Heinrich August). See **LEONHARD** (K. C.).
- Vogel** (A.). Ueber den Chemismus der Vegetation. [Festrede . . . der k.-b. Akad. der Wissenschaften.] (Tract.) 2 copies.
4to. *Munich*, 1852.
- . Justus Freiherr von Liebig als Begründer der Agrikultur-Chemie. (Tract.)
4to. *Munich*, 1874.
- Vogel** (Ed.). Ein neuentdeckter Schmetterling aus Spanien. (Tract.)
8vo. *Dresden*, 1857.
- Vogelgesang** (W.). See **FOURNET** (J.).
- Vogelsang** (Hermann). Philosophie der Geologie und mikroskopische Gesteinsstudien.
8vo. *Bonn*, 1867.
- . Die Krystalliten. Nach dem Tode des Verfassers herausgegeben von F. Zirkel.
8vo. *Bonn* (dated 1875), 1874.
- Vogt** (Carl). Lehrbuch der Geologie und Petrefactenkunde, zum Gebrauche bei Vorlesungen und zum Selbstunterrichte. Theilweise nach L. Elie de Beaumont's Vorlesungen an der Ecole des Mines.
8vo. *Brunswick*, 1846-47.

- Vogt (Carl).** Lectures on Man. Edited by James Hunt. 8vo. *London*, 1864.
- . Lehrbuch der Geologie und Petrefactenkunde. 2 vols. 8vo. *Brunswick*, 1866.
- . Su alcuni antichi cranii umani rinvenuti in Italia. Etudes géologiques sur l'ancienneté de l'homme, et sur sa co-existence avec divers animaux d'espèces éteintes ou émigrées. (Tract.) 8vo. *Turin*, 1866.
- Voigt (Johann Carl Wilhelm).** Mineralogische Beschreibung des Hochstifts Fulde und einiger merkwürdigen Gegenden am Rhein und Mayn. 8vo. *Dessau and Leipzig*, 1783.
- . ———. Neue Auflage. 8vo. *Leipzig*, 1794.
- . Mineralogische Reisen durch das Herzogthum Weimar und Eisenach. 8vo. *Weimar and Leipzig*, 1785, 1794.
- . Drey Briefe über die Gebirgs-Lehre für Anfänger und Unkundige. (Tract.) 8vo. *Weimar*, 1786.
- . Mineralogische und bergmännische Abhandlungen. Zweiter Theil. 8vo. *Leipzig*, 1789.
- . Erklärendes Verzeichniss seiner neuesten Cabinets von Gebirgsarten. (Tract.) 8vo. *Weimar*, 1792.
- . ———. (Tract.) 8vo. *Weimar*, 1797.
- . Praktische Gebirgskunde. (Tract.) 8vo. *Weimar*, 1792.
- . ———. 2nd ed. 8vo. *Weimar*, 1797.
- . Kleine mineralogische Schriften. Erster Theil. (Tract.) 8vo. *Weimar*, 1799.
- . Mineralogische Reise nach den Braunkohlenwerken und Basalten in Hessen, etc. 12mo. *Weimar*, 1802.
- . Versuch einer Geschichte der Steinkohlen, der Braunkohlen und des Torfes. 8vo. *Weimar*, 1802.
- Volborth (Alexander von).** Ueber die russischen Sphaeroniten, eingeleitet durch einige Betrachtungen über die Arme der Cystideen. (Tract.) 8vo. *St. Petersburg*, 1846.
- . Ueber einige russische Trilobiten. (Tract.) 8vo. *St. Petersburg*, 1848.
- . Ueber die mit glatten Rumpfgliedern versehenen russischen Trilobiten, etc. (Tract.) 2 copies. 4to. *St. Petersburg*, 1863.
- Volcanos.** Dei vulcani o monti ignivomi più noti, e distintamente del Vesuvio, osservazioni fisiche e notizie istoriche. 2 vols. 12mo. *Leghorn*, 1779.
- Volger (G. H. Otto).** Beiträge zur geognostischen Kenntniss des nord-deutschen Tieflandes. Erster Beitrag. Ueber die geognostischen Verhältnisse von Helgoland, Lüneburg, Segeberg, Läggedorf und Elmshorn in Holstein und Schwarzenbeck im Lauenbürgischen. (Tract.) 4to. *Brunswick*, 1846.
- Volkelts (Johann Gottlieb).** Gesammelte Nachrichten von schlesischen Bergwerken. 8vo. *Breslau and Leipzig*, 1775.
- Volkman (Georg Anton).** Silesia subterranea, oder unterirdischen Schlesien, etc. 2 vols. 4to. *Frankfort*, 1720.
- Volta (Alessandro).** His works. See MAGRINI (Luigi).
- Volta (Giovanni Serafino).** See VERONA.
- Voltaire (François Marie Arouet de).** Œuvres. Tom. XXVII. Mélanges Historiques. Tom. I. 8vo. *Paris*, 1784.

- Voltz (Friedrich).** Uebersicht der geologischen Verhältnisse des Grossherzogthums Hessen. (Tract.) 8vo. *Mayence*, 1852.
- Voltz (Philippe Louis).** Geognostische Nachrichten über die Umgegend von Vic. (Tract.) 8vo. *Frankfort*, 1823.
- . Notice sur la source d'eau minérale de Soultz-les-Bains. (Tract.) 4to. *Strasbourg*, 1830.
- . Observations sur les Bélemnites. (Tract.) 4to. *Paris*, 1830.
- . Observations sur les végétaux fossiles. (Tract.) 4to. *Strasbourg*, 1830.
- . Notice sur le Bradford-clay de Bouxwiller et de Bavillers. (Tract.) 4to. *Strasbourg*, 1830.
- . Notice sur le grès bigarré de la grande carrière de Soultz-les-Bains. (Tract.) 4to. *Strasbourg*, 1835.
- . Ueber das fossile Genus *Nerinea*. (Tract.) 8vo. *Stuttgart*, 1836.
- . Détermination des fossiles connus sous le nom d'*Aptychus*, *Trigonellites*, etc. (Tract.) 8vo. *Strasbourg*, 1837.
- . Magnésie boratée dans le gypse du Keuper. (Tract.) 4to.
- Vom Rath (Gerhard).** Ein Beitrag zur Kenntniss der Trachyte des Siebengebirges. (Tract.) 8vo. *Bonn*, 1861.
- . Ein Ausflug nach Calabrien. (Tract.) 8vo. *Bonn*, 1871.
- . Gustav Rose. Nekrolog. (Tract.) 4to. *Bonn*, 1873.
- . Naturwissenschaftliche Studien. Erinnerungen an die Pariser Weltausstellung 1878. (Sections étrangères.) 8vo. *Bonn*, 1879.
- . Ueber das Gold. (Tract.) 8vo. *Berlin*, 1879.
- . Vorträge und Mittheilungen. (Tract.) 8vo. *Bonn*, 1879.
- . Vorträge und Mittheilungen. (Tract.) 8vo. *Bonn*, 1880.
- Von Buch (Leopold).** See BUCH (Leopold von).
- Von der Hagen (Thomas Philipp).** Beschreibung der Kalkbrüche bey Rüdersdorf, der Stadt Neustadt-Eberswalde. 4to. *Berlin*, 1785.
- Von der Decken (Carl Claus).** Reisen in Ost-Africa in den Jahren 1859–1865. Band III. Wissenschaftliche Ergebnisse. Abtheilung 3. Geologie; Botanik; Meteorologie; Astronomische, Geodätische und Höhenmessungen; Magnetische Beobachtungen; Geschichtstabellen; Literaturübersicht. Bearbeitet von A. Sadebeck, P. Ascherson, Boeckeler, F. W. Klatt, M. Kuhn, P. G. Lorentz, W. Sonder, O. Kersten, B. Hassenstein. 8vo. *Leipzig and Heidelberg*, 1879.
- Von der Linth (Arnold Escher).** See ESCHER VON DER LINTH (Arnold).
- Von der Null (Jac. Fried.).** See MOHS (F.).
- Voorn (Jac.).** Catalogus antiquarum et novarum rerum ex longe dissitis terrarum oris quarum visendarum copia Lugduni in Batavis in Anatomia publica, etc. (Tract.) 4to. *Leyden*, no date.
- Vorarlberg.** See TYROL.
- Vose (George L.).** Orographic Geology; or the origin and structure of Mountains. A Review. 2 copies. 8vo. *Boston*, 1866.
- Vrolik (W.).** Catalogue d'une belle collection d'ouvrages [à vente] de Zoologie, Botanique et de Médecine, etc. Supplément au Catalogue de sa Bibliothèque. (Tract.) 8vo. *Amsterdam*, 1864.
- Vuillemin (E.).** Les mines de houille d'Aniche. Exemple des progrès réalisés dans les houillères du nord de la France pendant un siècle. Planches, 4to; Texte, 8vo. *Paris*, 1878.

Vyse (G. W.). Report on the Irrigation and Inundation of the Nile. (Tract.) 8vo. London, 1878.

W.

W*** (B. A. E.). Die Erdrevolutionen oder Beschreibung und Erklärung des in Spanien am 21. März 1829 ausgebrochenen grossen Erdbebens. (Tract.) 8vo. Leipzig, 1830.

W*** (W., F.R.S.). See **A***** (J., M.D.).

Waage (P.). See **GULDBERG** (C. M.).

Waagen (Wilhelm). Der Jura in Franken, Schwaben und der Schweiz verglichen nach seinen paläontologischen Horizonten. (Tract.) 8vo. Munich, 1864.

——. Versuch einer allgemeinen Classification der Schichten des oberen Jura. (Tract.) 8vo. Munich, 1865.

——. Die Formenreihe des *Ammonites subradiatus*. (Tract.) 8vo. Munich, 1869.

——. On the Geographical Distribution of Fossil Organisms in India. (Tract.) 8vo. Calcutta, 1878.

——. Ueber die geographische Vertheilung der fossilen Organismen in Indien. (Tract.) 8vo. Vienna, 1878.

——. Salt-Range Fossils. I. Productus-limestone Fossils. 1. Pisces —Cephalopoda. [Palæontologia Indica.] 4to. Calcutta, 1879.

Wachtmeister (H. G. Trolle). Undersökning af några till granatslägdet hörande mineralier. (Tract.) 8vo. Stockholm, 1824.

Wackenroder (Heinrich). Mineralogisch-chemische Beiträge zur Kenntniss des thüringischen Flötzgebirges. Heft I. (Tract.) 8vo. Jena, 1836.

Wagner (Johann Andreas). Obituary Notice. See **MARTIUS** (Carl Friedrich Philip von).

——. Bemerkungen über die Dolomite einiger süddeutschen Formationen. (Tract.) 4to. Munich, 1836.

——. Denkrede auf Gotthilf Heinrich v. Schubert. (Tract.) 4to. Munich, 1861.

——. Abweisung der von Herrn Professor H. Burmeister vorgebrachten Behauptungen. 8vo. Leipzig, 1845.

——. Andeutungen zur Charakteristik des organischen Lebens nach seinem Auftreten in den verschiedenen Erdperioden. (Tract.) 4to. Munich, 1845.

——, **Troschel** (F. H.), **Erichson** (W. F.), and **Siebold** (C. T. V.). The progress of Zoology in 1842. Translated by W. B. Macdonald. [Ray Society.] 8vo. London, 1841–42.

——, ———, ———, ———. Reports on Zoology for 1843–1844. Translated by George Busk, Alfred Tulk, and Alexander H. Halliday. [Ray Society.] 8vo. London, 1847.

Wagner (Joseph Friedrich). Notizen über die Mineraliensammlung Sr. Excellenz des Herren Dr's Alexander's von Crichton. 4to. Moscow, 1818.

Wagner (Thomas). Corpus Juris Metallici recentissimi et antiquioris. (Sammlung der neuesten und älterer Berggesetze.) 8vo. Leipzig, 1791.

——(?). Ueber die chursächsische Bergwerksverfassung. Ein Beytrag zur Statistik von Sachsen. 8vo. Leipzig, 1787.

Wahlenberg (Georg). *Flora Carpatorum principalium exhibens plantas in montibus Carpaticis inter flumina Waagum et Dunajetz eorumque ramos Arvam et Popradum crescentes, cui praemittitur tractatus de altitudine, vegetatione, temperatura et meteoris horum montium in genere.* 8vo. *Göttingen*, 1814.

* * The titlepage, dedication, and "ratio operis" are wanting in this copy.

Wahlenberg (Göran). *Berättelse om mätningar och observationer för att bestämma Lappska Fjällens höjd, och temperatur vid 67 graders polhöjd. Förrättade år 1807. (Title wanting.)*

4to. *Stockholm*, 1808.

* * This is the second article in a work by Hermelin (S. G.), *Försök till beskrifning öfver Lappmarken och Vesterbotten, uti särskilda afhandlingar. Första delen.* [The only one published.] [1803–] 1808.

Wailles (B. L. C.). See *SURVEYS: MISSISSIPPI*.

Walch (Johann Ernst Immanuel). *Das Steinreich, systematisch entworfen.* 8vo. *Halle*, 1769.

——. See **KNORR** (Georg Wolfgang).

Walcher (Joseph). *Nachrichten von den Eisbergen in Tyrol. (Tract.)* 8vo. *Vienna*, 1773.

Walchner (Friedrich August). *De Hyalosiderite. (Tract.)* 4to. *Freiberg*, 1822.

——. *Handbuch der Geognosie.* 8vo. *Carlsruhe*, 1833.

——. *Darstellung der geologischen Verhältnisse der am Nordrande des Schwarzwaldes hervortretenden Mineralquellen, mit einer einleitenden Beschreibung der naturhistorischen Verhältnisse des zu Rothenfels bei Baden entdeckten Mineralwassers. (Tract.)* 8vo. *Mannheim*, 1843.

——. *Darstellung der geologischen Verhältnisse des Mainzer Tertiärbeckens und seiner fossilen Fauna und Flora. (Tract.)* 8vo. *Carlsruhe*, 1850.

——. *Darstellung der geologischen Verhältnisse des Süßwasser-Mergels von Oeningen im bädischen Seekreis und seiner fossilen Flora und Fauna. (Tract.)* 8vo. *Carlsruhe*, 1850.

Walcott (John). *Descriptions and Figures of Petrifications found in the Quarries, Gravel-pits, &c. near Bath. 2 copies.* 8vo. *London*, 1779.

Waldin (Johann Gottlieb). *Die Frankenberger Versteinerungen. (Tract.)* 4to. *Marburg*, 1778.

Wales (Thomas E.). See *REPORTS, PARLIAMENTARY. Mines.*

Walford (Thomas). *The Scientific Tourist through England, Wales, and Scotland. 2 vols.* 8vo. *London*, 1816–18.

——. *On the Mineralogy of Birdbrook, in Essex.* MS.

Walker (Francis). *Monographia Chalciditum.* 8vo. *London*, 1839.

——. See *BRITISH MUSEUM*.

Walker (George). See **BOYS** (William).

Walker (Henry). *Saturday Afternoon Rambles round London, Rural and Geological.* 8vo. *London*, 1871.

Walker (H.). See **FALCONER** (Hugh).

Walker (John). *Classes Fossilium; sive characteres naturales et chymici classium et ordinum in systemate minerali, etc.* 8vo. *Edinburgh*, 1787.

- Walker (John Francis).** On the Fossils contained in a Lower Greensand deposit of Phosphatic Nodules in Bedfordshire. (Tract.) 8vo. *London*, 1866.
- . A Reply to Mr. Seeley's remarks on my account of the Phosphatic Deposit at Potton, in Bedfordshire. (Tract.) 8vo. *London*, 1867.
- . On some new Coprolite-workings in the Fens. (Tract.) 8vo. *London*, 1867.
- . On some new Terebratulidæ from Upware. (Tract.) 8vo. *London*, 1867.
- . On Secondary Species of Brachiopoda [Lower Greensand Brachiopoda]. (Tract.) 8vo. *London*, 1870.
- . On the occurrence of *Terebratula Morieri* in England. (Tract.) 8vo. *London*, 1878.
- Walker (Robert J.).** Biography. See SLINGSBY (JON.).
- Wall (G. P.) and Sawkins (J. G.).** Report on the Geology of Trinidad. 8vo. *London*, 1860.
- . See SAWKINS (James Gay).
- Wallace (Alfred Russel).** On the Rio Negro. (Tract.) 8vo. *London*, 1853.
- . On the Law which has regulated the Introduction of New Species. (Tract.) 8vo. *London*, 1855.
- . The Geographical Distribution of Animals. 2 vols. 8vo. *London*, 1876.
- Wallace (John).** Section at Blaenavon, near Abergavenny. (Tract.) Fcap. fol. MS. 1842.
- Wallace (William).** The Laws which regulate the Deposition of Lead-ore in veins, illustrated by an examination of the Geological Structure of the Mining Districts of Alston Moor. 8vo. *London*, 1861.
- Wallerius (Johann Gotschalk).** Mineralogie, ou description générale des substances du règne minéral, traduit de l'Allemand. 2 vols. 8vo. *Paris*, 1753.
- . De Systematibus mineralogicis et systemate mineralogico rite condendo. 8vo. *Stockholm*, 1768.
- . Meditationes physico-chemicæ de Origine Mundi, imprimis Geocosmi ejusdemque Metamorphosi. 8vo. *Stockholm* and *Upsala*, 1797.
- Wallich (G. C.).** On Apparatus for Dredging at moderate depths in the Deep Sea, and for capturing floating objects from shipboard. (Tract.) 8vo. *London*, 1859.
- . Notes on the Presence of Animal Life at Vast Depths in the Sea; with observations on the nature of the Sea-bed, as bearing on Submarine Telegraphy. (Tract.) 2 copies. 8vo. *London*, 1860.
- . On the Development and Structure of the Diatom-valve. (Tract.) 8vo. *London*, 1860.
- . On the Markings of the Diatomaceæ in common use as Test-objects. (Tract.) 8vo. *London*, 1860.
- . On the Siliceous Organisms found in the Digestive Cavities of the Salpæ, and their relation to the Flint Nodules of the Chalk Formation. (Tract.) 8vo. *London*, 1860.
- . On an improved method of making Microscopic Sections. (Tract.) 8vo. *London*, 1861.

- Wallich (G. C.). Remarks on some Novel Phases of Organic Life, and on the Boring-powers of Minute Annelids at great depths in the Sea. (Tract.) 8vo. London, 1861.
- . Further observations on some Novel Phases of Organic Life at great depths in the Sea. (Tract.) 8vo. London, 1862.
- . The North-Atlantic Sea-bed. 4to. London, 1862.
- . On an undescribed indigenous form of *Amœba*. (Tract.) 8vo. London, 1863.
- . Further observations on *Amœba villosa*, and other indigenous Rhizopods. (Tract.) 8vo. London, 1863.
- . On the Structure of the Valves of *Pleurosigma* and other Diatoms. (Tract.) 2 copies. 8vo. London, 1863.
- . On the value of the Distinctive Characters in *Amœba*. (Tract.) 8vo. London, 1863.
- . The Deep-sea Bed of the Atlantic and its Inhabitants. (Tract.) 8vo. London, 1863.
- . On the extent, and some of the principal causes, of Structural Variation among the Diffugian Rhizopods. (Tract.) 8vo. London, 1864.
- . On the process of Mineral Deposit in the Rhizopods and Sponges, as affording a distinctive character. (Tract.) 8vo. London, 1864.
- . On the Structure and Affinities of the Polycystina. (Tract.) 8vo. London, 1865.
- . Observations on the Thalassicollidæ. (Tract.) 8vo. London, 1869.
- . On *Physalia*, and certain Scombroïd (?) Fish which are frequently associated with it in the tropical and subtropical seas. (Tract.) 8vo. London, 1869.
- . On some undescribed Testaceous Rhizopods from the North-Atlantic deposits. (Tract.) 8vo. London, 1869.
- . On the Rhizopoda, as embodying the primordial type of animal life. (Tract.) 8vo. London, 1869.
- . On the vital functions of the Deep-sea Protozoa. (Tract.) 8vo. London, 1869.
- . On the true nature of the so-called "*Bathybius*," and its alleged function in the nutrition of the Protozoa. (Tract.) 2 copies. 8vo. London, 1875.
- . The Amœban, Actinophryan, and Diffugian Rhizopods. (Tract.) 8vo. London, 1875.
- . Deep-sea Researches. (Tract.) 8vo. London, 1876.
- . Deep-sea Researches on the Biology of *Globigerina*. (Tract.) 8vo. London, 1876.
- . Outline of a Scheme for the Systematic Survey of the Sea and Sea-bed between Ireland and Newfoundland, with a view to the establishment of telegraphic communication between the two countries. (Tract.) 8vo. London, 1876.
- . Reply to some observations by Mr. Gwyn Jeffreys on the cruise of H.M.S. 'Valorous' in 1875. (Tract.) 8vo. London, 1876.
- . On the Fundamental Error of constituting *Gromia* the type of Foraminiferal Structure. (Tract.) 8vo. London, 1877.
- . On the relation between the Development, Reproduction, and Markings of the Diatomaceæ. (Tract.) 8vo. London, 1877.

- Wallich (G. C.).** A contribution to the Physical History of the Cretaceous Flints. (Tract.) 8vo. *London*, 1880.
- . The Threshold of Evolution. 8vo. *London*, 1880.
- Wallich (N.).** List of Indian Woods collected by *him*. (Tract.) 8vo. *London*.
- Waltershausen (W. Sartorius von).** See SARTORIUS VON WALTERSHAUSEN (W.).
- Walther (B. S.).** Die Erdbeben und Vulkane, physisch und historisch betrachtet. 8vo. *Leipzig*, 1805.
- Walther (Chr. Fr.).** Viro excellentissimo et doctissimo Dr. Eduardo de Eichwald, memoriam recolenti d. 18. m. Maii MDCCCLXIX. (Tract.) 8vo. *St. Petersburg*, 1869.
- Walton (John).** See BRITISH MUSEUM.
- Wangenheim von Qualen (F.).** Geognostische Beiträge zur Kenntniss der Gebirgs-Formationen des westlichen Urals, etc. (Tract.) 2 copies. 8vo. *Moscow*, 1840.
- See also FISCHER-DE-WALDHEIM (G.).
- . Alpenblümchen gesandt von des Ural's Höhen an S. Excell. Herrn Fischer von Waldheim. 4to. *St. Petersburg*, 1847.
- Wanklyn (A.).** Description of some new species of Fossil Ferns from the Bournemouth Leaf-bed. (Tract.) 8vo. *London*, 1869.
- Ward (J. Clifton).** Ice. To which is appended a Geological Dream on Skiddaw. (Tract.) 8vo. *London*, 1870.
- . Elementary Geology. 8vo. *London*, 1872.
- . The Glaciation of the southern part of the Lake-District, and the Glacial Origin of the Lake-basins of Cumberland and Westmoreland. (Tract.) 8vo. *London*, 1875.
- . See SURVEYS: ENGLAND AND WALES.
- Wardell (Frank N.).** See REPORTS, PARLIAMENTARY. Mines.
- Wardle (Thomas).** On the Geology of the neighbourhood of Leek, Staffordshire. 8vo. *Leek*, 1863.
- Warner (John).** See ADMIRALTY PUBLICATIONS.
- Warren (G. K.).** Explorations in the Dakota country in the year 1855. (Tract.) 8vo. *Washington*, 1856.
- . Explorations of Nebraska Territory. (Tract.) 8vo. *Washington*, 1858.
- . An essay concerning important Physical Features exhibited in the Valley of the Minnesota River, and upon their signification. (Tract.) 8vo. *Washington*, 1874.
- Warren (John C.).** Description of a Skeleton of the *Mastodon giganteus* of North America. 4to. *Boston*, 1852.
- "Wassa Effendi."** See FAIRMAN (Edward St. John).
- Watelet (Ad.).** Description des plantes fossiles du bassin de Paris. Text and Atlas. 4to. *Paris, London, and Madrid*, 1866.
- . Le bassin de Paris. Recueil de mémoires relatifs au bassin tertiaire de cette région et à l'époque quaternaire.—Catalogue des Mollusques des Sables inférieurs. (Tract.) 8vo. *Paris*, 1870.
- Waterhouse (George R.).** A Natural History of the Mammalia. 2 vols. 8vo. *London, Paris, and Leipzig*, 1846.
- . See BEAGLE EXPEDITION.

- Waterhouse (John).** Eight Years' Meteorology of Halifax, being a record of observations taken at Well Head during the years 1866 to 1873 inclusive. (Tract.) 4to. *Halifax*, 1874.
- Water Supply.** See **REPORTS, PARLIAMENTARY.**
- . **Canterbury.** New Water Supply. Report from the Engineer [S. C. Homersham] to the Waterworks, and a Chemical Analysis of the Water from the new works at Wincheap, by Dugald Campbell, etc. 2nd edition. (Tract.) 8vo. *London*, 1873.
- . ———. See **HOMERSHAM** (Samuel Collett).
- . **Hastings.** See **CRESY** (Edward) and **TOPLEY** (W.).
- . **Leeds.** See **DRESSER** (C. L.).
- . **London.** Supply of pure Spring-Water to the Metropolis. Report to the Directors of the London (Watford) Spring-Water Company [by S. C. Homersham]. 4th edition. (Tract.) 2 copies. 8vo. *London*, 1850.
- . ———. Report from the provisional Directors of the London (Watford) Spring-Water Company. (Tract.) 8vo. *London*, 1852.
See also **LANKESTER** (Edwin) and **REDFERN** (Peter).
- . ———. The Water-springs at Grays, Essex: their capability of affording a supply of pure water to the Metropolis. Reports by J. Prestwich, D. Campbell, E. Easton, and R. D. Thomson. 8vo. *London*, 1860.
- . ———. Reports by the Engineer on the Boring Operations at the Crossness pumping-station. (Tract.) 8vo. *London*, 1869.
- . ———. Further Report. (Tract.) 8vo. *London*, 1869.
- . ———. See **COATES** (Thomas), **PRESTWICH** (Joseph), **RENNIE** (George), and **STEPHENSON** (Robert).
- . **Oxford.** See **PRESTWICH** (Joseph).
- Waters (Arthur William).** Notes on Fossil Lithothamnium (so-called Nulliporæ). (Tract.) 8vo. *Manchester* [and *London*, reprint], 1874.
- Waterton (Charles).** Letters to James Jameson. (Tracts.) 8vo. *Wakefield*, 1835.
- . An Ornithological Letter. (Tract.) 8vo. *Wakefield*, 1837.
- Wathen (George Henry).** The Golden Colony; or, Victoria in 1854. 8vo. *London*, 1855.
- Watkins (Charles Frederick).** Sacred Poems, containing Poetical Illustrations of Scripture. The Pampeiro, or Tempest of La Plata; The Human Hand; The Hand Divine. 8vo. *London*, 1829.
- Watson (J. Forbes).** [The Textile Manufactures and the Costumes of the People of India.] Opinions of the Press. (Tract.) 8vo. *London*, no date.
- Watson (John Selby).** Geology. A Poem, in seven books. 2 copies. 8vo. *London*, 1844.
- Watson (Robert Boog).** Notes on the Boulder-clay at Greenock and Port Glasgow. (Tract.) 8vo. *Edinburgh*, 1864.
- . On the Great Drift-beds with Shells in the South of Arran. (Tract.) 4to. *Edinburgh*, 1864.
- Watson (Robert Spence).** The Villages around Metz. (Tract.) 8vo. *Newcastle*, 1870.
- Watson (Sereno).** See **SURVEYS: CALIFORNIA AND UNITED STATES.**

- Watson (William H.).** On the action of Sea-Water upon Lead and Copper. (Tract.) 8vo. *Manchester*, 1877.
- Watson (White).** Catalogue of a Collection of Fossils, the production of Derbyshire; arranged according to the respective strata in which they are found. Accompanied with a Tablet, representing a section of the strata. 8vo. *Dublin*, 1805.
- * * Only the titlepage and the "Tablet" and a part of the "Explanation of the Tablet" (pp. 15-18) are in the Library.
- . Catalogue of a Collection of Limestones which compose a Tablet, with observations on their respective qualities for the purposes of building and agriculture. (Tract.) 8vo. *Sheffield*, 1805.
- . A Delineation of the Strata of Derbyshire, forming the surface from Bolsover in the east to Buxton in the west, etc. 4to. *Sheffield*, 1811.
- Waugh (Sir A. Scott).** See REPORTS, COLONIAL. India.
- Way (A.).** On the recent discovery of large quantities of Phosphate of Lime in the fossil state. (Tract.) 8vo. *Oxford*.
- Wear, Tyne, and Tees,** Industrial Resources. See ARMSTRONG (W. G.).
- Weatherhead (George Hume).** An analysis of the Leamington Spa, in Warwickshire. (Tract.) 8vo. *London*, 1820.
- . An account of the Beulah Saline Spa at Norwood, Surrey. (Tract.) 2 copies. 8vo. *London*, 1832.
- Weaver (Thomas).** Observations on the distinctive characters of the principal classes of Rocks. Fol. *MS.*
- . On Irish Tin-Ore. (Tract.) 8vo. *London*, 1841.
- . Additional remarks on the Older Red Sandstone Formation, or Group, of foreign Geologists, and the Carboniferous Series of the English. (Tract.) 8vo. *London*, 1824.
- . On the Carboniferous Series of the United States of North America. (Tract.) 8vo. *London*, 1836.
- . On the Geological Relations of the South of Ireland. (Tract.) 4to. *London*, 1836.
- . On the Older Stratified Rocks of North Devon, with correlative remarks concerning Transition or Protozoic Regions in general. (Tract.) 2 copies. 8vo. *London*, 1839.
- . On the Mineral Structure of the South of Ireland, with correlative matter in Devon and Cornwall, Belgium, the Eifel, etc. (Tract.) 2 copies. 8vo. *London*, 1840.
- . On the Composition of Chalk Rocks and Chalk Marl by invisible organic bodies. (Tract.) 2 copies. 8vo. *London*, 1841.
- . See WERNER (Abraham Gottlob).
- Webb (Philip Barker).** Osservazioni intorno allo stato antico e presente dell' Agro Trojano. 8vo. *Milan*, 1821.
- Weber (C. O.).** Ueber die Susswasserquarze von Muffendorf bei Bonn. (Tract.) 4to. *Vienna*, 1850.
- Webster (John).** Metallographia; or, an History of Metals. 4to. *London*, 1671.
- Webster (John W.).** A description of the Island of St. Michael, comprising an account of its Geological Structure; with remarks on the other Azores, or Western Islands. 8vo. *Boston*, 1821.

- Webster** (Thomas). On the Freshwater Formations in the Isle of Wight. (Tract.) *MS.*
- . Reply to Dr. Fitton's Paper in the 'Annals of Philosophy' for November, entitled "Inquiries respecting the Geological Relations of the Beds between the Chalk and the Purbeck Limestone in the South-east of England." (Tract.) 8vo. *London*, 1825.
- . See **ENGLEFIELD** (*Sir Henry C.*).
- Webster** (Thomas, C. E.). The Anthracite Iron Case: *Crane v. Price* and others. From Reports and Notes of Cases on Letters Patent for Invention. (Tract.) 8vo. *London*, 1842.
- . The case of Josiah Marshall Heath, the inventor and introducer of the Manufacture of Welding Cast Steel from British Iron. (Tract.) 8vo. *London*, 1856.
- Wedding** (Hermann). Die Magneteisensteine von Schmiedeberg. (Tract.) 8vo. *Berlin*, 1859.
- . See **EXHIBITION OF 1862**.
- Weilenmann** (J. J.). See **STUDER** (G.).
- Weinberg** (Julian). Polacy w Rodzinie Slawian. 8vo. *Warsaw*, 1876.
- Weinkauff** (H. C.). Die Conchylien des Mittelmeeres, ihre geographische und geologische Verbreitung. 2 vols. 8vo. *Cassel*, 1867.
- Weiss** (C. Ernst). Fossile Flora der jüngsten Steinkohlenformation und des Rothliegenden im Saar-Rhein-Gebiete. 4to. *Bonn*, 1869–72.
- . Ueber die Entwicklung der fossilen Floren in den geologischen Perioden. (Tract.) 8vo. *Berlin*, 1877.
- Weiss** (Christian Samuel). Obituary Notice. See **MARTIUS** (Carl Friedrich Philipp von).
- . Ueber die Gebirgsart des sächsischen Erzgebirges welche unter dem Namen Weissstein neuerlich bekannt gemacht worden ist. (Tract.) 4to. *Berlin*, 1803.
- . Notice et observations relatives à la vue de la Chaîne des Hautes-Alpes, prise du sommet du Mont Rigi, en Suisse. (Tract.) 8vo. *Paris*, 1815.
- . Ueber den Haytorit. (Tract.) 8vo. *Vienna*, 1828.
- . Ueber das Dihexaëder, dessen Flächenneigung gegen die Axe gleich ist seinem ebenen Endspitzenwinkel, etc. (Tract.) 4to. *Vienna*, 1829.
- . Ueber die herzförmig genannten Zwillings-Krystalle von Kalkspath, und gewisse Analoge von Quarz. (Tract.) 4to. *Vienna*, 1829.
- . Nachtrag zu einer Abhandlung vom Jahre 1829. 4to. *Vienna*, 1843.
- . Ueber das Staurolithsystem, als abgeleitet aus dem regulären Krystallsystem. (Tract.) 4to. *Vienna*, 1831.
- . Betrachtung des Feldpathsystems in der viergliedrigen Stellung. (Tract.) 4to. *Vienna*, 1835.
- . Ueber eine versteckte gegenseitige Beziehung zwischen den Krystallsystemen des Feldspathes und des Kalkspathes. (Tract.) 4to. *Vienna*, 1835.
- . See **FRISCH** (S. G.).
- Welch** (W.). Religiosa Philosophia; or a new Theory of the Earth. Improved edition. (Tract.) 8vo. *Plymouth*, 1822.
- Weld** (Charles Richard). See **SERIALS, ETC. LONDON**. Royal Society.

- Weld (Isaac).** Statistical Survey of the county of Roscommon. 8vo. *Dublin*, 1832.
- Wells (Sir Mordaunt).** Sir Mordaunt Wells and Public Opinion in India. (Tract.) 8vo. *Calcutta*, 1863.
- Wells (Walter).** The Water-power of Maine. 8vo. *Augusta*, 1869.
- Welsh (J.).** See ADMIRALTY PUBLICATIONS.
- Werner (Abraham Gottlob).** Obituary Notices. See GERLACH (F. W. A.) and LEONHARD (Karl Cæsar von).
- . Kurze Klassifikation und Beschreibung der verschiedenen Gebürgsarten. (Tract.) 8vo. *Dresden*, 1787.
- . Traité des caractères extérieurs des fossiles. (Traduit de l'Allemand par Mme. Picardet.) 8vo. *Dijon*, 1790.
- . Ausführliches und systematisches Verzeichnis des Mineralien-Kabinetts des K. E. Pabst von Ohain. Band I. 8vo. *Freiburg and Annaberg*, 1791.
- . A Treatise on the external characters of Fossils. Translated by Thomas Weaver. 8vo. *Dublin*, 1805.
- . New Theory of the Formation of Veins; with its application to the art of working Mines. Translated from the German, to which is added an appendix, containing notes illustrative of the subject, by Charles Anderson. 8vo. *Edinburgh*, 1809.
- . Werner's Mineral System. (Tract.) 4to. MS., 1815.
- . Bergværkskundskabernes omfang af afdeeling eller skizze til en Encyclopædie af Bergværksvidenskab. Overssat af H. C. Ström. (Tract.) 8vo. *Trondhjem*, 1829.
- . A Treatise on the external characters of Minerals. (Tract.) 8vo. *London*, 1849–50.
- Wernerian Club.** An Analysis of the Natural System and its application to the Mineral Kingdom. (Tract.) 8vo. *London*, 1846.
- Wertheim (—).** See PONCELET (—).
- West (A. A.).** See BERKLEY (James J.).
- Westall (Edward).** On the advantages to be derived from the adoption of the "Local Government Act," as exemplified in Croydon, with geological and other notes by J. W. Flower and C. W. Johnson. (Tract.) 8vo. *London*, 1865.
- Western Australia.** General Report on a Geological Exploration of that portion of the colony of Western Australia lying southward of the Murchison River and westward of Esperance Bay. (Tract.) Fol. *Perth, W. A.*, 1873.
- West Indies.** Royal West-India Mining Company. Prospectus. (Tract.) 8vo. *London*, 1852?
- Westwood (John Obadiah).** Address at the Anniversary Meeting of the Entomological Society, January 1852. (Tract.) 8vo. *London*, 1852.
- . ———. January 1853. (Tract.) 8vo. *London*, 1853.
- . See BRITISH MUSEUM.
- Wetherell (Nathaniel Thomas).** A Notice of some undescribed Organic Remains which have recently been discovered in the London Clay Formation. (Tract.) 8vo. *London*, 1839.
- . Notice of a species of *Rotalia* found attached to specimens of *Vermetus boghoriensis*. (Tract.) 8vo. *London*, 1839.

- Wetherell** (Nathaniel Thomas). Notice of a Barytic deposit in certain Testacea from the London Clay. (Tract.) 8vo. *London*, 1851.
- . Note on a new species of *Clionites*. (Tract.) 8vo. *London*, 1852.
- . On some peculiar markings on the broken surfaces of Flints. (Tract.) 8vo. *London*, 1859.
- Wettstein** (H.). Die Strömungen des Festen, Flüssigen und Gasförmigen, und ihre Bedeutung für Geologie, Astronomie, Klimatologie und Meteorologie. 8vo. *Zurich*, 1880.
- Weyprecht** (K.). Die Metamorphosen des Polareises. 8vo. *Vienna*, 1879.
- Wheatley** (Charles M.). Remarks on the Mesozoic Red Sandstone of the Atlantic slope, etc. (Tract.) 8vo. *New Haven*, 1861.
- Wheeler** (Geo. M.). See SURVEYS: UNITED STATES.
- Wheelright** (H. W.). Comparativ förteckning.—Comparative List of the Birds of Scandinavia and Great Britain. (Tract.) 4to. *Carlstadt*, 1852.
- Whewell** (William). An Essay on Mineralogical Classification and Nomenclature, etc. (Tract.) 8vo. *Cambridge*, 1828.
- . Principles of Geology by Charles Lyell—Review. (Tract.) 8vo. *London*, 1830.
- . On the Free Motion of Points, and on Universal Gravitation, including the Principal Propositions of Books I. and III. of the Principia. The first part of a new edition of a Treatise on Dynamics. 8vo. *Cambridge*, 1832.
- . Address delivered on the . . . opening of the Third General Meeting of the British Association. (Tract.) 8vo. *Cambridge*, 1833.
- . Astronomy and General Physics considered with reference to Natural Theology. [Bridgewater Treatise.] 8vo. *London*, 1833.
- . Newton and Flamsteed. (Tract.) 8vo. *London and Cambridge*, 1836.
- . Newton and Flamsteed. Remarks on an Article in Number CIX. of the Quarterly Review. Second edition. (Tract.) 8vo. *London*, 1836.
- . Report on the recent progress and present condition of the Mathematical Theories of Electricity, Magnetism, and Heat. (Tract.) 8vo. *London*, 1836.
- . History of the Inductive Sciences. 3 vols. 8vo. *London and Cambridge*, 1837.
- . The Philosophy of the Inductive Sciences founded upon their History. 3 vols. 8vo. *London and Cambridge*, 1840.
- Whidbey** (Joseph). On some fossil Bones discovered in caverns in the lime-stone quarries of Oreston; to which is added a description of the Bones, by William Clift. (Tract.) 4to. *London*, 1823.
- Whincopp** (W.). Important Discoveries which have led to the elucidation of the deposit of Flint Implements in France and England. (Tract.) 8vo. *Woodbridge*, 1865.
- Whiston** (William). A new Theory of the Earth, from its Original to the Consummation of all things, etc. 8vo. *London*, 1696.
- . ———. 2nd edition. 8vo. *Cambridge*, 1708.
- . ———. 3rd edition. 8vo. *London*, 1722.
- . ———. 6th edition. 8vo. *London*, 1755.

- Whitaker** (William). Note on the Surface Geology of London, etc. (Tract.) 8vo. *London*, 1867.
- . On Subaërial Denudation, and on Cliffs and Escarpments of the Chalk and the Lower Tertiary Beds. (Tract.) 2 copies. 8vo. *London*, 1867.
- . On a Raised Beach at Portland Bill, Dorset. (Tract.) 8vo. *London*, 1869.
- . On the connection of the Geological Structure and the Physical Features of the South-east of England with the Consumption Death-rate. (Tract.) 8vo. *London*, 1869.
- . List of Books, Papers, Maps, etc., on the Geology, Mineralogy, and Palæontology of Wiltshire. (Tract.) 8vo. (imp.) *Devizes*, 1873.
- . List of Works on the Geology, Mineralogy, and Palæontology of the Hampshire Basin. (Tract.) 8vo. *Winchester*, 1873.
- . List of Works on the Geology of Cambridgeshire. (Tract.) 8vo. *Cambridge*, 1873.
- . Guide to the Geology of London and the neighbourhood. 1st edition. 8vo. *London*, 1875.
- . 2nd edition. 8vo. *London*, 1875.
- . List of Works on the Geology, &c., of Cornwall. (Tract.) 8vo. *Truro*, 1875.
- . List of Works on the Geology, Mineralogy, and Palæontology of Cheshire. (Tract.) 8vo. *Liverpool*, 1876.
- . See BRISTOW (Henry William); JONES (Thomas Rupert); SERIALS, ETC., LONDON, Geological Record; and SURVEYS, ENGLAND AND WALES.
- White** (Adam). See BRITISH MUSEUM and SAMARANG EXPEDITION.
- White** (Charles A.). Palæontological Papers Nos. 1-5. (Tract.) 8vo. *Washington*, 1877.
- . See SURVEYS: IOWA.
- White** (G. ?). Statistics of Georgia. (Tract.) 8vo. *Savannah*, 1849.
- White** (Henry). See SURVEYS: GREAT BRITAIN. Museum of Practical Geology.
- White** (Martin). See ADMIRALTY PUBLICATIONS.
- White** (M. C.). Discovery of Microscopic Organisms in the Siliceous Nodules of the Palæozoic Rocks of New York. (Tract.) 8vo. *New Haven*, 1862.
- White** (Walter). Papers on Railway and Electric Communications, Arctic and Antarctic Expeditions, and the Sanitary Movement. 8vo. *Edinburgh*, 1850-51.
- Whitehead** (Charles). Fruit-growing in Kent. (Tract.) 8vo. *London*, 1877.
- . Report upon the Market-garden and Market-garden Farm Competition, 1879. (Tract.) 8vo. *London*, 1880.
- Whitehurst** (John). An enquiry into the Original State and Formation of the Earth. 4to. *London*, 1778.
- . 2nd edition. 4to. *London*, 1786.
- . The Works of John Whitehurst, with Memoirs of his Life and Writings, by C. Hutton. 4to. *London*, 1792.
- Whiteley** (Henry). Three months in Jamaica, in 1832; comprising a residence of seven weeks on a Sugar Plantation. (Tract.) 8vo. *London*, 1833.

- Whitfield** (R. P.). Observations on the Internal Appendages of the Genus *Atrypa*, etc. (Tract.) 8vo. *New York*, 1866.
- . See **HALL** (James) and **SURVEYS: UNITED STATES**.
- Whiting** (George). See **EXHIBITION OF 1862** (London). *Tasmania*.
- Whitley** (Nicholas). The application of Geology to Agriculture, etc. 8vo. *London*, 1843.
- . The "Flint Implements" from Drift not authentic. (Tract.) 8vo. *Truro*, 1864.
- . On the Temperature of the Sea, and its Influence on the Climate and Agriculture of the British Isles. (Tract.) 8vo. *London*, 1868.
- Whitney** (J. D.). The Metallic Wealth of the United States, described and compared with that of other countries. 8vo. *Philadelphia*, 1854.
- . Notice of the Progress of the Geological Survey of California, up to May, 1863. (Tract.) 2 copies. 8vo. *San Francisco*, 1863.
- . Earthquakes, Volcanoes, and Mountain-building. 8vo. *Cambridge*, 1871.
- . The Owen's Valley Earthquake of March 26, 1872. (Tract.) 8vo. *New Haven*, 1872.
- . Geographical and Geological Surveys. 8vo. *Cambridge*, 1875.
- . See **SURVEYS: CALIFORNIA, IOWA, MICHIGAN, and WISCONSIN**.
- Whittlesey** (Charles). A dissertation upon the Origin of Mineral Coal. (Tract.) 8vo. *Cleveland*, 1845.
- . Geology and Minerals. A report of Explorations in the mineral regions of Minnesota during the years 1848, 1859, and 1864. (Tract.) 2 copies. 8vo. *Cleveland*, 1866.
- . See **HILL** (Samuel W.).
- Widenmann** (Johann Friedrich Wilhelm). Ueber die Umwandlung einer Erd- und Stein-Art in die andere. (Tract.) 8vo. *Berlin*, 1792.
- . Handbuch des oryktognostischen Theils der Mineralogie. 2 vols. 8vo. *Leipzig*, 1794.
- . La Oricognósia. Traducida por Don Christiano Herrgen. 2 vols. 8vo. *Madrid*, 1797-98.
- Widmann** (Alphons von). See **WIDMANN** (Hermann von).
- Widmann** (Hermann von). Erläuterungen zur geognostischen Karte Tyrols, und Schlussbericht der administrativen Direction des geognostisch-montanistischen Vereines für Tyrol und Vorarlberg; mit Mittheilungen von M. Stotter, J. Trinker, und A. von Widmann. (Tract.) 4to. *Innsbruck*, 1853.
- Wiebel** (K. W. M.). Die Insel Helgoland. Untersuchungen über deren Grösse in Vorzeit und Gegenwart, vom Standpunkte der Geschichte und Geologie. (Tract.) 4to. *Hamburg*, 1848.
- Wiechmann** (C. M.). Paläontologische Mittheilungen I.-III. (Tract.) 8vo. *Neubrandenburg*, 1870.
- . See **Koch** (F. E.).
- Wiedersheim** (Robert). *Labyrinthodon Rütimeyeri*. Ein Beitrag zur Anatomie von Gesammtskelet und Gehirn der triassischen Labyrinthonten. (Schw. paläont. Gesellschaft.) 4to. *Basle and Geneva*, 1878.
- Wiedman** (—). Essai d'une nouvelle Minéralogie. Traduit par M. Dreux fils. 2 copies. 8vo. *Paris*, 1771.
- Wiener** (Charles). Pérou et Bolivie, récit de voyage suivi d'études archéologiques et ethnographiques et de notes sur l'écriture et les langues des populations indiennes. 8vo. *Paris*, 1880.

- Wilckens** (Christian Friedrich). *Nachricht von seltenen Versteinerungen, vornemlich des Thier-Reiches, etc.* 2 copies.
8vo. *Berlin* and *Stralsund*, 1769.
- Wild** (François Sam.). *Essai sur la montagne salifère du Gouvernement d'Aigle, situé dans le canton de Berne.* 8vo. *Geneva*, 1788.
- . *Versuch über das Salzgebürge im Gouvernement Aelen, aus dem Franz. übersetzt von Johann Christian Quantz, und mit einer Vorrede begleitet von Christoph Ludwig Arnold Wille.* 8vo. *Nuremberg*, 1793.
- Wild** (H.). See **HELMERSEN** (Gregor von).
- Wild** (John James). *A Letter to Lord Brougham and Vaux, containing proposals for a scientific exploration of Egypt and Ethiopia.* (Tract.)
8vo. *London*, 1850.
- Wilde** (W. R.). See **MUSEUMS: DUBLIN.** Royal Irish Academy.
- Wilkes** (Charles). See **UNITED STATES: Exploring Expedition**, 1838–1842.
- Wilkinson** (C. T.). See **NEW SOUTH WALES.**
- Wilkinson** (James John Garth). See **SWEDENBORG** (Emanuel).
- Wille** (Christoph Ludwig Arnold). See **WILD** (Fr. Sam.).
- Willemöes-Suhm** (Rudolf von). See 'CHALLENGER' EXPEDITION.
- Williams** (D.). *Plausible reasons and positive proofs, showing that no portion of the Devonian System can be of the age of the Old Red Sandstone.* (Tract.)
8vo. *London*, 1842.
- Williams** (D. H.). *A Geological Report on the Damoodah Valley.* (Tract.) 2 copies.
8vo. *London*, 1850.
- . *A Geological Report on the Kymore Mountains, the Ramghur Coal-fields, and on the Manufacture of Iron, etc. etc.* (Tract.)
8vo. *Calcutta*, 1852.
- . *A Geological Report on the Damoodah Valley.* (Tract.)
8vo. *Calcutta*, 1853.
- Williams** (Edward), **Mudge** (William), **Dalby** (Isaac), and **Colby** (Thomas). *An account of the Trigonometrical Survey carried on in the years 1791–1809.* 3 vols. (From the *Philosophical Transactions*.)
4to. *London*, 1796–1811.
- Williams** (John). *The Natural History of the Mineral Kingdom.* 2 vols.
2 copies. 8vo. *Edinburgh*, 1789.
- . ———. 2nd edition. 2 vols. 8vo. *Edinburgh*, 1810.
- Williams** (John). *A Narrative of Missionary Enterprises in the South Sea Islands; with remarks upon the Natural History of the Islands, etc.* 8vo. *London*, 1841.
- Williams** (John Evelyn). *The Steamship; its Form, Strength, and Propeller.* 8vo. *London*, 1875.
- Williams** (Robert). See **REPORTS, PARLIAMENTARY: Collieries.**
- Williamson** (Ezekiel). See **PLANT** (John).
- Williamson** (R. S.). *On the use of the Barometer on Surveys and Reconnaissances.* 4to. *New York*, 1868.
- Williamson** (William Crawford). *On the recent Foraminifera of Great Britain.* [Ray Society.] 4to. *London*, 1845.
- . *On the minute structure of the calcareous shells of some recent species of Foraminifera.* (Tract.) 8vo. *London*, 1851.
- . *On the structure and affinities of the Plants hitherto known as Sternbergiæ.* (Tract.) 8vo. *Manchester*, 1851.

- Williamson** (William Crawford). On the structure of the woody zone of an undescribed form of Calamite. (Tract.) 8vo. *London*, 1869.
- . Episodes in the Life of a Field-Geologist. (Tract.) 8vo.
- Willich** (Charles M.). Popular Tables arranged in a new form, giving information at sight for ascertaining, according to the Carlisle Table of Mortality, the value of Lifehold, Leasehold, and Church Property, etc. 3rd edition. 8vo. *London*, 1853.
- Willis and Sotheran**. Catalogue of upwards of fifty thousand volumes of ancient and modern books, etc. 8vo. *London*, 1862.
- Willkomm** (Moritz). Die Strand- und Steppengebiete der iberischen Halbinsel und deren Vegetation. 8vo. *Leipzig*, 1852.
- Willughby** (Francis). See **RAY** (John).
- Wilson** (Allan), **Login** (Thomas), and **Higgin** (George). Irrigation in Spain and India. 8vo. *London*, 1869.
- Wilson** (George). On a simple mode of constructing skeleton models to illustrate the systems of Crystallography. (Tract.) 8vo. *Edinburgh*, 1845.
- Wilson** (James). See **LAPWORTH** (Charles).
- Wilson** (John). The Lands of the Bible visited and described. 2 vols. 8vo. *Edinburgh*, 1847.
- Wilson** (Joseph). A history of Mountains, geographical and mineralogical. Accompanied by a picturesque view of the principal Mountains of the World, by Robert Andrew Liddell. 3 vols. 4to. *London*, 1807–10.
- Wiltshire** (Thomas). On the Red Chalk of England. (Tract.) 2 copies. 8vo. *London*, 1859.
- . On the ancient Flint Implements of Yorkshire, and the modern fabrication of similar specimens. (Tract.) 8vo. *London*, 1862.
- . On the chief Groups of the Cephalopoda. (Tract.) 8vo. *London*, 1867.
- . The History of Coal. (Tract.) 8vo. *London*, 1878.
- Winch** (Nath. John). An Essay on the Geographical Distribution of Plants through the Counties of Northumberland, Cumberland, and Durham. (Tract.) 8vo. *Newcastle*, 1819.
- . Remarks on the Distribution of the Indigenous Plants of Northumberland and Durham, as connected with the geological structure of those counties. (Tract.) 4to. *Newcastle*, 1830.
- . Remarks on the Geology of the Banks of the Tweed, from Carham, in Northumberland, to the Sea-coast at Berwick. (Tract.) 4to. *Newcastle*, 1831.
- Winchell** (Alexander). Descriptions of Fossils from the Marshall and Huron Groups of Michigan. (Tract.) 8vo. *Philadelphia*, 1862.
- . Notice of the rocks lying between the Carboniferous Limestone of the lower peninsula of Michigan and the Limestones of the Hamilton Group, with descriptions of some Cephalopods supposed to be new to science. (Tract.) 8vo. *New Haven*, 1862.
- . On the Saliferous Rocks and Salt-springs of Michigan. (Tract.) 8vo. *New Haven*, 1862.
- . Description of Elephantine molars in the Museum of the University [of Michigan]. (Tract.) 8vo. *Montreal*, 1863.

- Winchell** (Alexander). Descriptions of Fossils from the Yellow Sandstones lying beneath the "Burlington Limestone," at Burlington, Iowa. (Tract.) 8vo. *Philadelphia*, 1863.
- . Notice of a small collection of Fossils from the Potsdam Sandstone of Wisconsin and the Lake Superior Sandstone of Michigan. (Tract.) 8vo. *New Haven*, 1864.
- . On the origin of the Prairies of the Valley of the Mississippi. (Tract.) 8vo. *New Haven*, 1864.
- . Descriptions of new species of Fossils from the Marshall Group of Michigan, and its supposed equivalents in other States; with notes on some fossils of the same age previously described. (Tract.) 2 copies. 8vo. *Philadelphia*, 1865.
- . Notes on *Selandria cerasi*, Harris, as it occurs at Ann Arbor, Michigan. (Tract.) 8vo. *Boston*, 1865.
- . Some indications of a northward transportation of Drift materials in the Lower Peninsula of Michigan. (Tract.) 8vo. *New Haven*, 1865.
- . Stromatoporidae: their structure and zoological affinities. (Tract.) 8vo. *Cambridge*, 1867.
- . The Fruit-bearing Belt of Michigan. (Tract.) 8vo. *Cambridge*, 1867.
- . The Grand Traverse Region. A Report on the Geological and Industrial Resources of the Counties of Antrim, Grand Traverse, Benzie, and Leelanow, in the Lower Peninsula of Michigan. (Tract.) 8vo. *Ann Arbor*, 1866.
- . Appendix to a Report on the Grand Traverse Region. (Tract.) 8vo. *Ann Arbor*, 1866.
- . Man the last term of the Organic Series. (Tract.) 8vo. *Ann Arbor*, 1867.
- . Statement of operations in the Museum of the University of Michigan, in the department of "Geology, Zoology, and Botany," etc., for the year ending September 24, 1868. (Tract.) 8vo. *Ann Arbor*, 1868.
- . Notices and descriptions of Fossils from the Marshall Group of the Western States, with notes on fossils from other formations. (Tract.) 8vo. *Philadelphia*, 1870.
- . The Isothermals of the Lake Region in North America. (Tract.) 8vo. *Philadelphia*, 1870.
- . The Marshall Group: a memoir on its geological position, characters, and equivalencies in the United States. (Tract.) 8vo. *Philadelphia*, 1870.
- . Addresses and other exercises at his inauguration as Chancellor of the Syracuse University. (Tract.) 8vo. *Syracuse*, 1873.
- . Michigan. Being condensed Popular Sketches of the Topography, Climate, and Geology of the State. (Tract.) 8vo. 1873.
- . The Diagonal System in the Physical Features of Michigan. (Tract.) 8vo. *New Haven*, 1873.
- . The Unity of the Physical World. I. Facts of Co-existence. II. Facts of Succession. (Tracts.) 8vo. 1873-74.
- . Rectification of the Geological Map of Michigan, embracing observations on the Drift of the State. (Tract.) 8vo. *Salem*, 1875.
- . Religious Ideas among Barbarous Tribes. I. Facts. (Tract.) 8vo. 1875.

- Winchell** (Alexander). Syllabus of a course of Lectures on Geology. (Tract.) 8vo. *Syracuse*, 1875.
- . Supposed Agency of Ice-Floes in the Champlain Epoch. (Tract.) Slip. *Syracuse*, no date.
- . Salt Manufacture of the Saginaw Valley, Michigan. (Tract.) 8vo.
- . The Climate of Michigan. (Tract.) 8vo. 1871.
- . Is God cognizable by Reason? (Tract.) 8vo. 1870?
- . See SURVEYS: MICHIGAN.
- and **Marcy** (Oliver). Enumeration of Fossils collected in the Niagara Limestone at Chicago, Illinois, with descriptions of several new species. (Tract.) 4to. *Cambridge*, 1865.
- Winchell** (N. H.). Reports on the Counties of Sandusky, Seneca, Wyandot and Marion, Ohio. (Tract.) 8vo. *Ann Arbor*, 1871.
- . The Economic Geology of the Region of Cheboygan and Old Mackinac in the Counties of Presque Isle, Cheboygan, and Emmet, State of Michigan. (Tract.) 8vo. *Ann Arbor*, 1871.
- . The Glacial Features of Green Bay of Lake Michigan, with some observations on a probable former outlet of Lake Superior. (Tract.) 8vo. *New Haven*, 1871.
- . Notes on the Drift Soils of Minnesota. (Tract.) 8vo. *St. Paul*, 1873.
- . On the Hamilton in Ohio. (Tract.) 8vo. *New Haven*, 1874.
- . Report concerning the Salt Spring Lands, due to the State of Minnesota. (Tract.) 8vo. *St. Paul*, 1874.
- . The Devonian Limestones in Ohio. (Tract.) 8vo. *Salem*, 1874.
- . The Drift Deposits of the North-west. (Tract.) 8vo. *New York*, 1873.
- . Vegetable remains in Drift Deposits in the North-west. (Tract.) 8vo. *Salem*, 1875.
- . On the Parallelism of Devonian Outcrops in Michigan and Ohio. (Tract.) 8vo. *Salem* (imp.), 1876.
- . See SURVEYS: MINNESOTA.
- Winchelsea** (Lord). See ETNA.
- Winckelman** (Abbé). Critical account of the situation and destruction by the First Eruptions of Mount Vesuvius, of Herculaneum, Pompeii, and Stabia, etc. 8vo. *London*, 1771.
- Winckler** (T. C.). Description d'un crinoïde et d'un poisson du système heersien. (Tract.) 8vo. *Haarlem*, 1869.
- . Des tortues fossiles conservées dans le Musée Teyler et dans quelques autres Musées. 8vo. *Haarlem*, 1869.
- . Description d'un nouvel exemplaire de *Pterodactylus micronyx* du Musée Teyler. (Tract.) 8vo. *Haarlem*, 1870.
- . Mémoire sur le *Belonostomus pygmaeus* et de deux espèces de *Caturus*. (Tract.) 8vo. *Haarlem*, 1871.
- . Mémoire sur le *Cœlacanthus harlemensis*. (Tract.) 8vo. *Haarlem*, 1871.
- . Le *Plesiosaurus delichodeirus*, Conyb., du Musée Teyler. (Tract.) 8vo. *Haarlem*, 1873.
- . Mémoire sur des dents de poissons du terrain bruxellien. (Tract.) 8vo. *Haarlem*, 1873.

- Winckler** (T. C.). Note sur une nouvelle espèce de *Lepidotus*. (Tract.) 8vo. Liège, 1873.
- . Deuxième mémoire sur des dents de poissons fossiles du terrain bruxellien. (Tract.) 8vo. Haarlem, 1874.
- . Le *Pterodactylus Kochi* du Musée Teyler. (Tract.) 8vo. Haarlem, 1874.
- . Mémoire sur quelques restes de poissons du système heersien. (Tract.) 8vo. Haarlem, 1874.
- . Etude sur le genre *Mystriosaurus* et description de deux exemplaires nouveaux de ce genre. (Tract.) 8vo. Haarlem, 1876.
- . Considérations géologiques sur l'origine du Zand-diluvium, du sable campinien et des dunes maritimes des Pays-Bas. (Tract.) 8vo. Haarlem, 1878.
- . Description d'une espèce nouvelle de *Pachycormus*. (Tract.) 8vo. Haarlem, 1878.
- . Description de quelques restes de poissons fossiles des terrains triasiques des environs de Wurzburg. (Tract.) 8vo. Haarlem, 1880.
- . Mémoire sur les poissons fossiles des lignites de Sieblos. (Tract.) 8vo. Haarlem, 1880.
- . Note sur quelques dents de poissons fossiles de l'oligocène inférieur et moyen du Limbourg. (Tract.) 8vo. Haarlem, 1880.
- . See MUSEUMS: Haarlem.
- Wing** (Augustus). See DANA (James Dwight).
- Winnertz** (Johann). Beitrag zu einer Monographie der Sciarinen. [Beilage von der k.-k. zool.-botan. Gesellsch. in Wien.] 8vo. Vienna, 1867.
- Winslow** (C. F.). The Cooling Globe; or the Mechanics of Geology. (Tract.) 8vo. Boston, 1865.
- Wisconsin**. Its Natural Resources and Industrial Progress. (Tract.) 8vo. Madison, Wis., 1862.
- Wislizenus** (A.). Memoir of a Tour to Northern Mexico, connected with Col. Doniphan's Expedition. (Tract.) 8vo. Washington, 1848.
- Wissmann** (H. L.). See MÜNSTER (Georg Graf zu).
- Witham** (Henry). A description of a Fossil Tree, discovered in the Quarry at Craigleith, near Edinburgh. (Tract.) 4to. Newcastle, 1831.
- . Observations on Fossil Vegetables. 2 vols. 4to. London, 1831.
- . On the *Lepidodendron Harcourtii*. (Tract.) 4to. Newcastle, 1832.
- Witt** (Henry M.). Chemical examination of certain Lakes and Springs on the Turko-Persian Frontier near Mount Ararat. (Tract.) 8vo. London, 1856.
- Witton**. Section of the Strata sunk through to the second Bed of Rock-salt at Witton, near Northwick, Cheshire. (Tract.) 8vo. London, 1812.
- Wittwor** (L. O.). Outline of Geology, with a map. 2nd edition. 8vo. London, 1847.
- . Geological Tour through England and Wales: and a geological sketch of the Isle of Wight. 8vo. Manchester, 1849.
- Woldrich** (Joh. N.). Hercynische Gneissformation bei Gross-zdikan im Böhmerwald. (Tract.) 8vo. Vienna, 1875.
- Wolf** (Heinrich). Bericht über die geologische Aufnahme im Körösthale in Ungarn im Jahre 1860. (Tract.) 8vo. Vienna, 1863.
- . Die barometrischen Höhenbestimmungen der k.-k. geologischen Reichsanstalt in den Jahren 1858, 1859 und 1860. (Tract.) 4to. Vienna, 1863.

- Wolf (Heinrich).** Die Stadt und Umgebung von Olmütz. (Tract.)
8vo. *Vienna*, 1863.
- . Bericht über die geologische Aufnahme im östlichen Böhmen.
Erster Theil. (Tract.) 8vo. *Vienna*, 1864.
- Wolf (R.).** Notizen zur Geschichte der Mathematik und Physik in der
Schweiz. (Tract.) 8vo. *Berne*, 1851.
- Wolf (Theodor).** Ein Besuch der Galápagos-Inseln. (Tract.) 2 copies.
8vo. *Heidelberg*, 1879.
- Wolfart (Peter).** Historiæ naturalis Hassiæ inferioris. Pars prima.
Fol. *Cassel*, 1719.
- Wolfe (James).** See ADMIRALTY PUBLICATIONS.
- Wollaston (Thomas Vernon).** See BRITISH MUSEUM.
- Wollaston (William Hyde).** On a new metal found in crude Platina.
(Tract.) 4to. *London*, 1804.
- . A description of a Reflective Goniometer. (Tract.)
4to. *London*, 1809.
- . On the non-existence of Sugar in the blood of persons labouring
under Diabetes mellitus, in a letter to Dr. Alexander Marcet, with
his reply. (Tract.) 4to. *London*, 1811.
- . A Synoptic Scale of Chemical Equivalents. (Tract.)
4to. *London*, 1814.
- Wolley (John).** Notice of an Ice-carried Boulder at Borgholm. (Tract.)
8vo. *London*, 1856.
- Wollny (E.).** Der Einfluss der Pflanzendecke und Beschattung auf die
physikalischen Eigenschaften, etc. 8vo. *Berlin*, 1877.
- Wonfor (T. W.).** The Brighton Aquarium: what it has done for Science.
(Tract.) 2 copies. 4to. *Brighton*, 1875.
- Wood (Edward).** On a new Genus of Crinoides, discovered in the
Mountain Limestone of Swaledale, Yorkshire; with a description of
the genus by L. de Koninck. (Tract.) 8vo. *London*, 1858.
- . Notes of a Geological Tour in Wharfedale. (Tract.)
8vo. *London*, 1859.
- . See PLUES (Margaret).
- Wood (H. H.).** On the Theory of Development and the Antiquity of
Man. (Tract.) 8vo. *London*, 1865.
- Wood (Nicholas).** Parliamentary Evidence on Accidents in Mines.
(Tract.) 8vo. *London?*, 1835–36.
- . Obituary notice of the late Nicholas Wood, Esq., President of the
North of England Institute of Mining Engineers. (Tract.)
8vo. *Hexham*, 1865.
- Wood (Searles Valentine).** A Catalogue of Shells from the Crag. (Tract.)
8vo. *London*, 1840.
- . Descriptive Catalogue of the Zoophytes from the Crag. (Tract.)
8vo. *London*, 1844.
- . A Monograph of the Crag Mollusca, with descriptions of Shells
from the Upper Tertiaries of the British Isles. 3 vols. and supplement.
[Palæontographical Society.] 4to. *London*, 1848–74.
- . A Monograph of the Eocene Bivalves of England. Vol. I.
and Supplement. [Palæontographical Society.] 4to. *London*, 1861–71.
- . See PRESTWICH (Joseph).

- Wood** (Searles Valentine, Jun.). On the form and distribution of the Land-tracts during the Secondary and Tertiary Periods respectively, etc. (Tract.) 8vo. *London*, 1862.
- . On the Belgian equivalents of the Upper and Lower Drift of the Eastern Counties. (Tract.) 8vo. *London*, 1864.
- . On the Formation of the River- and other Valleys of the East of England. (Tract.) 8vo. *London*, 1864.
- . On the Red Crag, and its relation to the Fluvio-marine Crag, and on the Drift of the Eastern Counties. (Tract.) 8vo. *London*, 1864.
- . Remarks in explanation of the Map of the Upper Tertiaries of the Counties of Norfolk, Suffolk, Essex, Middlesex, Hereford, Cambridge, Huntingdon, and Bedford, with parts of those of Buckingham and Lincoln, and accompanying sections. (Tract.) 8vo. *London*, 1865.
- . A Memoir in explanation of the structure of the Glacial and Post-glacial beds, mapped in a Geological Survey of the Ordnance Sheets Nos. 1 and 2. Fol. (Manuscript).
- Wood** (Sutton Thomas). A Treatise on Gypsum, on its various uses, and on its Application as a Manure. (Tract.) 8vo. *London*, 1807.
- Wood** (W.). Index Testaceologicus: or a Catalogue of Shells, British and Foreign, arranged according to the Linnean System. 8vo. *London*, 1818.
- Woods** (Henry). Description of the Fossil Skull of an Ox discovered in May, 1838, at Melksham, Wilts; with a geological sketch of the River Avon, in the bed of which it was found. (Tract.) 4to. *London*, 1839.
- Woods** (Julian Edmund Tenison-). Geological Observations in South Australia. 2 copies. 8vo. *London*, 1862.
- . A history of the Discovery and Exploration of Australia. 2 vols. 8vo. *London*, 1865.
- . Report on the Geology and Mineralogy of the South-eastern District of the Colony of South Australia. (Tract.) 8vo. *Adelaide*, 1866.
- . History of Australian Tertiary Geology.—Notes on the Tertiary Fossils, Tasmania. (Tract.) 8vo. *Hobart Town*, 1876.
See also **JOHNSTON** (R. M.).
- . On a new genus of Nudibranchiata, Fam. Elysiadæ, and on some Tasmanian Patellidæ. (Tract.) 8vo. *Hobart Town*, 1876.
- . On some new Tasmanian Marine Shells (2nd series): also on a new reversed Tasmanian Helix (*Helix Weldii*). (Tract.) 8vo. *Hobart Town*, 1876.
- . Census, with brief descriptions, of the Marine Shells of Tasmania and the adjacent Islands. (Tract.) 8vo. *Hobart Town*, 1878.
- Woodward** (Bernard Barham). See **CHEADLE** (R. W.).
- Woodward** (Henry). On a new Chart of Fossil Crustacea. (Tract.) 8vo. *London*, 1865.
- . A Monograph of the British Fossil Crustacea belonging to the order Merostomata. [Palæontographical Society.] 4to. *London*, 1866–78.
- . British Fossils. (Tract.) 8vo. *London*, 1870.

- Woodward (Henry).** Address . . . Geologists' Association . . . at the opening of the Session 1873-74. (Tract.) 8vo. *London*, 1873.
- . Address . . . Geologists' Association . . . at the opening of the Session 1874-75. (Tract.) 8vo. *London*, 1874.
- . Relics of the Cave-dwellers of Aquitania. (Tract.) 8vo. *London*, 1875.
- . Description of a collection of fossil Shells, Corals, &c. &c., from Sumatra. (Tract.) 8vo. *London*, 1879.
- Woodward (Horace Bolingbroke).** The Lead and Zinc Mines of the Mendips. (Tract.) 8vo. *London*, 1872.
- . A wooden image and a spear-head discovered near Newton Abbot. (Tract.) 8vo. *London*, 1875.
- . Notes on the Geology of the neighbourhood of Wells, Somerset. (Tract.) 8vo. *Taunton*, 1873.
- . Remarks upon the present state of the Devonian Question. (Tract.) 8vo. *London*, 1873.
- . A Sketch of the Geology of Middlesex. (Tract.) 8vo. *London*, 1875.
- . A Sketch of the Geology of Surrey. (Tract.) 8vo. *London*, 1876.
- . The Geology of England and Wales. 8vo. *London*, 1876.
- . A Memoir of Samuel Woodward. (Tract.) 8vo. *Norwich*, 1879.
- . See SERIALS, ETC., NORWICH, Science Gossip Club; and SURVEYS, ENGLAND AND WALES.
- Woodward (John).** An Essay toward a Natural History of the Earth and Terrestrial Bodies, especially Minerals, etc. 8vo. *London*, 1695.
- . Naturalis Historia Telluris. (Tract.) 8vo. *London*, 1714.
- . An Essay towards a Natural History of the Earth and Terrestrial Bodies, especially Minerals, etc. 3rd edition. 8vo. *London*, 1723.
- . The Natural History of the Earth, illustrated, enlarged, and defended. Written originally in Latin: and now first made *English* by Benj. Holloway. 8vo. *London*, 1726.
- . Fossils of all kinds digested into a method suitable to their mutual relation and affinity. 8vo. *London*, 1728.
- . An attempt towards a Natural History of England. 2 vols. 8vo. *London*, 1728-29.
- * * Vol. ii. is dated 1728 and Vol. i. 1729.
- . An attempt towards a Natural History of the Fossils of England; in a Catalogue of the English Fossils in the collection of J. Woodward, M.D. 8vo. *London*, 1729.
- . A Catalogue of the Foreign Fossils in the collection of J. Woodward, M.D. 8vo. *London*, 1825?
- Woodward (Samuel).** Biographical Notice. See WOODWARD (Horace B.).
- . A synoptical table of British organic remains. 4to. *London and Norwich*, 1830.
- , Ewing (W. C.), and Turner (Dawson). The Norfolk Topographer's Manual. 8vo. *London*, 1842.
- Woodward (S. P.).** A Manual of the Mollusca, or a rudimentary treatise of recent and fossil shells. 8vo. *London*, 1851-56.

- Woodward (S. P.).** A Manual of the Mollusca: a treatise on Recent and Fossil Shells. 2nd edition. [12mo. *London*, 1866.] With an Appendix containing such recent and fossil shells as are not mentioned in the second edition, by Ralph Tate. 12mo. *London*, 1868.
- . On the Structure and Affinities of the Hippuritidæ. (Tract.) 8vo. *London*, 1855.
- . Some account of *Barrettia*, a new and remarkable shell from the Hippurite Limestone of Jamaica. (Tract.) 2 copies. 8vo. *London*, 1862.
- . On *Echinothuria floris*, a new and anomalous Echinoderm from the Chalk of Kent. (Tract.) 8vo. *London*, 1863.
- . Remarks on the Bridlington Crag, with a list of its fossil Shells. (Tract.) 8vo. *London*, 1864.
- . Shells of the Newer Pliocene or Norwich Crag. (Tract.) 8vo. *Sheffield*, 1864.
- . See M'ANDREW (Robert); and SURVEYS, GREAT BRITAIN.
- Woolhouse (W. S. B.).** Tables of Continental Lineal and Square Measures. (Tract.) 8vo. *London*, 1836.
- Wormley (T. G.).** See SURVEYS: OHIO.
- Worms (Henry).** The Earth and its Mechanism. 8vo. *London*, 1862.
- Worsaae (J.).** See FORCHHAMMER (G.).
- Worth (R. N.).** The Bone Caves of the Plymouth District. (Tract.) 8vo. *Plymouth*, 1879.
- Worthen (A. H.).** See SURVEYS: ILLINOIS.
- Wrede (E. G. F.).** Geologische Resultate aus Beobachtungen über einen Theil der südbaltischen Länder. 8vo. *Halle*, 1794.
- Wright (Chauncey).** Darwinism: being an Examination of Mr. St. George Mivart's 'Genesis of Species.' (Tract.) 8vo. *London*, 1871.
- Wright (J. R.).** On the Secondary Formations in the neighbourhood of Ludlow. (Tract.) 8vo. *London*, 1832.
- Wright (Joseph).** Recent Foraminifera of Down and Antrim. (Tract.) 8vo. *Belfast*, 1877.
- . A List of the Cretaceous Microzoa of the North of Ireland. (Tract.) 8vo. *Belfast*, 1875.
- Wright (Thomas).** On the Early History of Leeds, in Yorkshire, etc. (Tract.) 8vo. *Leeds*, 1864.
- Wright (Thomas, M.D.).** A Stratigraphical Account of the Section from Round-Tower Point to Alum Bay, on the North-west Coast of the Isle of Wight. (Tract.) 8vo. *London*, 1850.
- . On Fossil Echinoderms. 8vo. *London*, 1851–55.
- . Contributions to the Palæontology of the Isle of Wight. (Tract.) 8vo. *London*, 1852.
- . A Monograph on the British Fossil Echinodermata from the Oolitic Formations. [Palæontographical Society.] 4to. *London*, 1856–80.
- . A Monograph on the British Fossil Echinodermata from the Cretaceous Formations. [Palæontographical Society.] 4to. *London*, 1864 etc.
- . On the Correlation of the Jurassic Rocks in the Department of the Côte-d'Or, France, with the Oolitic Formations in the Counties of Gloucester and Wilts, England. 2 copies. 8vo. *Gloucester*, 1872.

- Wright** (Thomas, M.D.). Monograph on the Lias Ammonites of the British Islands. [Palæontographical Society.] 4to. London, 1878.
- Wronski** (Höéné). A Course of Mathematics. (Tract.) 8vo. London, 1821.
- Wrottesley** (Lord). Speech on Lieut. Maury's Plan for Improving Navigation, &c. 2nd edition. (Tract.) 8vo. London, 1853.
- . Address delivered at the Anniversary Meeting of the Royal Society, December 1856. (Tract.) 8vo. London, 1856.
- . Address delivered at the Anniversary Meeting of the Royal Society, November 1857. (Tract.) 8vo. London, 1857.
- . Address to the British Association, Oxford, 1860. (Tract.) 8vo. London, 1860.
- Würtenburger** (Leopold). Studien über die Stammesgeschichte der Ammoniten. Ein geologischer Beweis für die Darwin'sche Theorie. 8vo. Leipzig, 1880.
- Wyatt** (James). On the Flint Implements in the Drift, discovered near Bedford. (Tract.) 8vo. Bedford, 1861.
- . Flint Implements in the Drift. Notice of Discoveries in the neighbourhood of Bedford. (Tract.) 8vo. Bedford, 1862.
- Wyld** (James). Notes on the Distribution of Gold throughout the World. (Tract.) 8vo. London.
- Wyley** (Andrew). Report upon the Mineral and Geological Structure of South Namaqualand and the adjoining Mineral districts. Fol. Cape Town, 1857.
- Wyman** (Jeffries). Obituary Notice. See SERIALS, ETC.: BOSTON. Society of Natural History.
- . A description of two additional Crania of the Engé-ena (*Troglodytes gorilla*, Savage), from Gaboon, Africa. (Tract.) 8vo. Boston, 1849.
- . Notice of the Cranium of the Ne-hoo-le, a new Species of Manatee (*Manatus nasutus*), from W. Africa. (Tract.) 8vo. New Haven, 1850.
- . Observations on the Development of *Raia batis*. (Tract.) 4to. Boston, 1864.
- . See HALL (James).
- Wynne** (A. B.). The Valley of the Poona River, West Berar. (Tract.) 8vo. Calcutta, 1869.
- . On the Geology of Mount Tilla, in the Punjab. (Tract.) 8vo. Calcutta, 1870.
- . A Geological Reconnaissance from the Indus at Kushalgarh to the Kurram at Thal on the Affghan Frontier. (Tract.) 8vo. Calcutta, 1879.
- . Further Notes on the Upper Punjab. (Tract.) 8vo. Calcutta, 1879.
- Wynne** (Thomas). See REPORTS, PARLIAMENTARY. Mines.

Y.

- Yandell** (Lunsford P.) and **Shumard** (Benjamin F.). Contributions to the Geology of Kentucky. (Tract.) 8vo. Louisville, 1847.
- Yarrell** (William). A History of British Fishes. The first three sheets only. 1st edition. (Tract.) 8vo. London.

- Yarrell** (William). On the Osteology of the *Chlamyphorus truncatus* of Dr. Harlan. (Tract.) 8vo. London, 1828.
- Yarrow** (H. C.). See COUES (Elliott).
- Yates** (James). Remarks on the formation of Alluvial Deposits. (Tract.) 8vo. Edinburgh, 1831.
- . On the use of Bronze Celts in Military operations. (Tract.) 8vo. London, 1849.
- . On the French System of Measures, Weights, and Coins, and its adaptation to general use. (Tract.) 8vo. London, 1854.
- . Narrative of the Origin and Formation of the International Association for obtaining a uniform Decimal System of Measures. Weights, and Coins. (Tract.) 8vo. London, 1856.
- . On the Mining Operations of the Romans in Britain. (Tract.) 8vo. Taunton, 1859.
- . On the Excess of Water in the Region of the Earth about New Zealand; its Causes and its Effects. (Tract.) 8vo. Edinburgh, 1862.
- Yellowstone National Park**. Report by Mr. Dunnell. (Tract.) 8vo. Washington, 1872.
- . Report. [Accompanied by two maps. F. V. Hayden.] (Tract.) 8vo. Washington, 1872.
- . Report of the Superintendent for the Year 1872. 8vo. Washington, 1873.
- Yellowstone River**. See RAYNOLDS (W. F.).
- Yolland** (William). See SURVEYS: GREAT BRITAIN. Ordnance Survey.
- York** (Archbishop of). See THOMSON (William).
- Yorke** (Philip). Researches on Silica. (Tract.) 4to. London, 1857.
- Young** (Edward). Special Report on Immigration; accompanying Information for Immigrants relative to the prices of Land, &c., in the Western and Southern States, &c. &c. 8vo. Washington, 1872.
- Young** (George). Geological and Mineralogical Survey of Part of the Yorkshire Coast, drawn up from materials chiefly furnished by Mr. J. Bird. (Tract.) 8vo. London, 1818.
- and Bird (John). A Geological Survey of the Yorkshire Coast. 4to. Whitby, 1822.
- . ———. 2nd edition. 4to. Whitby, 1828.
- Young** (John). Note on *Archæocidaris*, a Carboniferous Echinoderm with overlapping plates. (Tract.) 2 copies. 8vo. Glasgow, 1873.
- . See HOWELL (H. H.).
- . See BRITISH ASSOCIATION. Glasgow Guide-Books.
- Yvert** (—). See DELESSE (Achille).

Z.

- Zacatecas**. Mines of Fresnillo. Statement of the Quantities of Ores raised, and of Silver produced, from the Mines of Fresnillo, working for account of the State of Zacatecas [Mexico], from Official Returns. (Tract.) Fol. London, 1834.
- . Notice of the Silver Mines of Fresnillo, in the State of Zacatecas, Mexico. (Tract.) 8vo. London, 1834.
- Zagiell** (J. T. Prince). Aperçu général des formations géologiques de l'Égypte, d'une partie de la Nubie et de l'Arabie Pétrée. 8vo. Paris, 1872.

Zahrtmann (Admiral). See ADMIRALTY PUBLICATIONS.

Zangerle (Max). Lehrbuch der Mineralogie. 8vo. *Brunswick*, 1876.

——. See HORNSTEIN (F. F.).

Żebrowski (T.). Wykaz zdrojowisk lekarskich Galicyi i Bukowiny. Dla objaśnienia mappy tychże zdrojowisk nakładem towarzystwa naukowego Krakowskiego wydanej. (Tract.) 8vo. *Cracow*, 1862.

Zehler (J. G.). Das Siebengebirge und seine Umgebungen. 8vo. *Crefeld*, 1837.

Zeiller (—). See HENWOOD (William Jory).

Zeisner (Ludwik). See ZEUSCHNER (Ludwig).

Zepharovich (Victor von). Ueber eine Pseudomorphose von Weissbleierz nach Bleiglanz von Beresowsk in Sibirien. (Tract.) 8vo. *Vienna*, 1849.

——. Beiträge zur Geologie des Pilsener Kreises in Böhmen. (Tracts.) 8vo. *Vienna*, 1854–55.

——. Der Jaulingit, ein neues fossiles Harz aus der Jauling nächst St. Veit a. d. Triesting in Nieder-Oesterreich. (Tract.) 8vo. *Vienna*, 1855.

——. Die Halbinsel Tihany im Plattensee und die nächste Umgebung von Füred. (Tract.) 8vo. *Vienna*, 1856.

——. Die Silur-Formation in der Gegend von Klattau, Přestitz und Rožmital in Böhmen. (Tract.) 8vo. *Vienna*, 1856.

——. Die Erzlagerstätten im Ljupkovathale des illirisch-Banater Gränzregimentbezirkes. (Tract.) 8vo. *Cracow*, 1857.

——. Ein Besuch auf Schaumburg. (Tract.) 8vo. *Vienna*, 1857.

——. Mineralogisches Lexicon für das Kaiserthum Oesterreich. 8vo. *Vienna*, 1859.

——. Ueber die Krystallformen des Epidot. (Tract.) 8vo. *Vienna*, 1859.

Zeune (August). Ueber Basaltpolarität. (Tract.) 8vo. *Berlin*, 1809.

Zeuschner (Ludwig). Opis geologiczny Szczawnicy i Szlachtowój. (Tract.) 8vo. *Cracow*, 1840.

——. O formacyi Jura nad brzegami wisły. (Tract.) 2 copies. 8vo. *Cracow*, 1841.

——. O Powstanin skal metamorficznych w okolicy dobszyny. (Tract.) 8vo. *Warsaw*, 1842.

——. (Paleontologia Polska.) Opis zoologiczny, botaniczny i geologicznywszyst kich Zwierzat i roślin skamieniałych Polskich do poznania Warstw ziemi Służący. Poszyt I. (Tract.) 8vo. *Warsaw*, 1845.

——. Geognostische Schilderung der Gangverhältnisse bei Kotterbach (und Poracz) im Zipser Comitāt. (Tract.) 8vo. *Vienna*, 1853.

——. Ueber eine alte Längenmoräne im Thale des Bialy Dunajec bei dem Hochofen von Zakopane in der Tatra. (Tract.) 8vo. *Vienna*, 1856.

——. O wierzchniem ogniwie eoceniczném w dolinach Właściwych i Niżnych Tatrów. (Tract.) 8vo. *Cracow*, 1860.

——. O mijocenicznym gipsach i pokładach soli Kuchennicj w górnej części doliny wisły, przy Krakowie. (Tract.) 8vo. *Cracow*, 1863.

——. Beschreibung des artesischen Brunnen in Ciechocinek bei Thoren; erbohrt im April 1861. (Tract.) 2 copies. 8vo. *Moscow*, 1864.

——. Die Entwicklung der Jura-Formation in westlichen Polen. (Tract.) 8vo. *Berlin*, 1864.

- Zeuschner** (Ludwig). Opis geologiczny ogni w formacyi Jura, rozpostartych w zachodnich stronach Polski, z wyliczeniem ich charakterystycznych skamieniatosci. (Tract.) 8vo. *Warsaw*, 1864.
- . Ueber das Alter der Grauwackenschiefer und der bräunlich-grauen Kalksteine von Sweintomasz bei Bodzeutgn im Kielcer Uebergangsgebirge. (Tract.) 2 copies. 8vo. *St. Petersburg*, 1866.
- . Ueber die rothen und bunten Thone und die ihnen untergeordneten Glieder in südwestlichen Polen. (Tract.) 2 copies. 8vo. *Berlin*, 1866.
- . Odolomicie w pasmie dewońskiem rozpostartém pomiędzy Chęciami a Sandomierzem. (Tract.) 8vo. *Cracow*, 1868.
- . O rozwoju Średniego ognia formacyi dewońskiej pomiędzy Grzegorzewicami a wioskami Skaly i Zagaje przy Nowej Słupi pod górą Świętokrzyską. (Tract.) 8vo. *Cracow*, 1868.
- . Ueber das Vorkommen von *Diceras arietina* in Korzetzko Chenciny. (Tract.) 8vo. *Berlin*, 1868.
- . Ueber den Dolomit im devonischen Gebirgszuge zwischen Sandomierz und Chenciny. (Tract.) 8vo. *St. Petersburg*, 1868.
- . Ueber die eigenthümliche Entwicklung der triasischen Formationen zwischen Brzeziny und Pierzchnica am südwestlichen Abhange des paläozoischen Gebirges zwischen Sandomierz und Chenciny. (Tract.) 8vo. *Berlin*, 1868.
- . Ueber die verschiedenen Formationen auf die sich der Jura in Polen abgesetzt hat. (Tract.) 8vo. *St. Petersburg*, 1868.
- . Die Gruppen und Abtheilungen des polnischen Juras, etc. (Tract.) 8vo. *Berlin*, 1869.
- . Geognostische Beschreibung der mittleren devonischen Schichten zwischen Grzegorzowice und Skaly-Zagaje bei Nowa Stupia. (Tract.) 8vo. *Berlin*, 1869.
- . Ueber die neuentdeckte Silurformation von Kleczanów bei Sandomierz im südlichen Polen. (Tract.) 8vo. *Berlin*, 1869.
- . Beschreibung neuer Arten oder eigenthümlich ausgebildeter Versteinerungen. (Tract.) 8vo. *Berlin*, 1870.
- . Einige Bemerkungen über die geognostische Karte von Oberschlesien, bearbeitet von Herrn Ferdinand Römer. (Tract.) 8vo. *Berlin*, 1870.
- . Rzut oka na skaly warstwowe wchodzące do budowy Tatrów, i wzniesień od nich równoodległych. (Tract.) 4to. *Cracow*.
- . Rzut oka na budowa geologiczna Tatrów i wzniesień od nich równoodległych, tudzież porównanie ich skal warstwowych z Alpejskimi. (Tract.) 8vo. *Cracow*.
- . Pomiar barometryczny żupy Bocheńskiej w Miesiącu marcu z 1843 Wykonamy. (Tract.) 8vo. *Cracow*.
- Ziegler** (J. M.). Sammlung absoluter Höhen der Schweiz. 8vo. *Zurich*, 1853.
- Zieten** (C. H. von). Die Versteinerungen Württembergs. Heft I. Fol. *Stuttgart*, 1830 et seq.
- Zigno** (Achille de). Sulla giacitura dei terreni di sedimento del Trivigiano. (Tract.) 2 copies. 8vo. *Padua*, 1841.
- . Introduzione allo studio della Geologia. Parte prima. 8vo. *Padua*, 1843.

- Zigno** (Achille de). Sopra due fossili rinvenuti nella calcarea dei monti padovani. (Tract.) 4to. *Padua*, 1845.
- . Intorno ai cenni del professore Tomaso Antonio Catullo sopra il sistema cretaceo delle Alpi venete. (Tract.) 8vo. *Padua*, 1846.
- . Nota intorno alla non promiscuità dei fossili fra il biancone e la calcarea ammonitica delle Alpi venete. (Tract.) 8vo. *Venice*, 1846.
- . Sul terreno cretaceo dell' Italia settentrionale. (Tract.) 4to. *Padua*, 1846.
- . Nouvelles observations sur les terrains crétacés des Alpes vénitiennes. (Tract.) 8vo. *Padua*, 1850.
- . Sui terreni jurassici delle Alpi venete e sulla flora fossile che li distingue. (Tract.) 8vo. *Padua*, 1852.
- . Flora fossilis formationis oolithicae. Le piante fossili dell' oolite. 2 vols. (very imperfect). 4to. *Padua*, 1856–73.
- . Sulla flora fossile dell' oolite. (Tract.) 4to. *Venice*, 1856.
- . Del terreno carbonifero delle Alpi venete. (Tract.) 8vo. *Venice*, 1858.
- . Prospetto dei terreni sedimentarii del Veneto. (Tract.) 2 copies. 8vo. *Venice*, 1858.
- . Sulla 'Paleontologia della Sardegna' del Cav. Gius. Meneghini. (Tract.) 8vo. *Venice*, 1858.
- . Sopra un nuovo genere di Felce fossile. (Tract.) 8vo. *Venice*, 1861.
- . Sulla costituzione geologica dei Monti Euganei. (Tract.) 8vo. *Padua*, 1861.
- . Sulle piante fossili del trias di Recoaro raccolte dal Prof. A. Massalongo. (Tract.) 4to. *Venice*, 1862.
- . Sopra i depositi di piante fossili dell' America settentrionale, delle Indie, e dell' Australia, che alcuni autori riferirono all' epoca oolitica. (Tract.) 8vo. *Padua*, 1863.
- . Osservazioni sulle Felci fossili dell' Oolite, ed enumerazione delle specie finora rinvenute nei varii piani di quella formazione, etc. (Tract.) 8vo. *Padua*, 1865.
- . Descrizione di alcune Cicadeacee fossili rinvenute nell' oolite delle Alpi venete. (Tract.) 8vo. *Venice*, 1868.
- . Annotazioni paleontologiche. (Tracts.) 4to. *Padua and Venice*, 1870, 1874, 1875, 1876, 1878, 1879, and 1880.
- . Catalogo ragionato dei Pesci fossili del calcare eocene di M. Bolca e M. Postale. 8vo. *Venice*, 1874.
- . Sui Mammiferi fossili del veneto. (Tract.) 8vo. *Padua*, 1875.
- . Sopra un nuovo Sirenio fossile scoperto nelle colline di Brà in Piemonte. 4to. *Rome*, 1878.
- . Sur les Siréniens fossiles de l'Italie. (Tract.) 8vo. *Paris*, 1878.
- . Sopra un cranio di Coccodrillo scoperto nel terreno eocene del Veronese. (Tract.) 4to. *Rome*, 1880.
- Zimmermann** (Christian). Das Harzgebirge in besonderer Beziehung auf Natur- und Gewerbskunde geschildert. 8vo. *Darmstadt*, 1834.
- Zimmermann** (Eberhard August Wilhelm). Voyage à la nitrière naturelle qui se trouve à Molfetta, dans la terre di Bari en Pouille. (Tract.) 8vo. *Paris*, 1789.

- Zimmermann** (J. P.). Ueber einige der wichtigsten Culturpflanzen, und über ihren Einfluss auf die Gesittung und Wohlfahrt des Menschen. (Tract.) 8vo. *Wiesbaden*, 1840.
- Zincken** (J. K. L.). Systematische Uebersicht der Gänge und Lager des Harzes, welche metallführend sind. (Tract.) 4to. *Nuremberg*, 1844.
- Zincken** (C. F.). Die Braunkohle und ihre Verwendung. Erster Theil. Die Physiographie der Braunkohle. 8vo. *Hanover*, 1867.
- Zippe** (F. X. M.). Die Mineralien Böhmens, &c. (Tract.) 8vo. *Prague*, 1840.
- Zirkel** (Ferdinand). De geognostica Islandiæ constitutione observationes. 8vo. *Bonn*, 1861.
- . Lehrbuch der Petrographie. 2 vols. 8vo. *Bonn*, 1866.
- . Leucitgesteine im Erzgebirge. (Tract.) 8vo. *Halle*, 1869.
- . Untersuchungen über die mikroskopische Zusammensetzung und Structur der Basaltgesteine. 8vo. *Bonn*, 1870.
- . Mikromineralogische Mittheilungen. (Tracts.) 8vo. *Stuttgart*, 1870–72.
- . Die Umwandlungsprocesse im Mineralreich. (Tract.) 8vo. *Berlin*, 1871.
- . Geologische Skizzen von der Wesküste Schottlands. 8vo. *Leipzig*, 1871.
- . Ueber den Bytownit. (Tract.) 8vo. *Vienna*, 1871.
- . Ueber die mikroskopische Zusammensetzung von Thonschiefern und Dachschiefern. (Tract.) 8vo. *Halle*, 1872.
- . Die mikroskopische Beschaffenheit der Mineralien und Gesteine. 8vo. *Leipzig*, 1873.
- . Die Zusammensetzung des Kersantons.—Die Structur der Variolite. (Tract.) 8vo. *Dresden*, 1875.
- . See NAUMANN (Carl Friedrich); SURVEYS, UNITED STATES, Geological Survey of the Fortieth Parallel; and VOGELSANG (Hermann).
- Zittel** (Karl Alfred). Die obere Nummulitenformation in Ungarn. (Tract.) 8vo. *Vienna*, 1862.
- . Die fossilen Bivalven der Gosaugebilde in den nordöstlichen Alpen. (Tract.) 8vo. *Vienna*, 1863.
- . Bivalven der Gosaugebilde in den nordöstlichen Alpen. Beitrag zur Charakteristik der Kreideformation in Oesterreich. Theil 1. 4to. *Vienna*, 1864–66.
- . Denkschrift auf Christ. Erich Hermann von Meyer. (Tract.) 2 copies. 8vo. *Munich*, 1870.
- . Ueber *Cœloptychium*. Ein Beitrag zur Kenntniss der Organisation fossiler Spongien. (Tract.) 4to. *Munich*, 1876.
- . Handbuch der Paläontologie, unter Mitwirkung von W. Ph. Schimper. Band I. Lieferung 1–3. Band II. Lieferung 1. (Tract.) 8vo. *Munich*, 1876–79.
- . Fossile Mollusken und Echinodermen aus Neu-Seeland; nebst Beiträgen von F. von Hauer und E. Suess. (Tract.) 4to. *Vienna*, 1866.
- . Studien über fossile Spongien. Abtheilung 1–3. (Tracts.) 4to. *Munich*, 1877–78.
- . Ueber den Brachial-Apparat bei einigen jurassischen Terebratuliden und über ein neue Brachiopodengattung *Dimerella*. (Tract.) 4to. *Cassel*, 1870.

- Zittel** (Karl Alfred). Beiträge zur Systematik der fossilen Spongien. 8vo. *Stuttgart*, 1879.
- . See GOUBERT (Emile); HÉBERT (Ed.); NOVARA EXPEDITION; and SERIALS, ETC.: STUTTGART. Museum des königl.-bayerischen Staates.
- and HÉBERT (Ed.). L'étage tithonique. (Tract.) 4to. *Paris*, 1872.
- Zollinger** (Heinrich). Besteigung des Vulkanes Tambora auf der Insel Sumbawa, &c. (Tract.) 4to. *Winterthur*, 1855.
- Zoological Nomenclature**. Report of a Committee appointed [by the British Association] to consider of the rules by which the Nomenclature of Zoology may be established on a uniform and permanent basis. (Tract.) 8vo. *London*, 1842.
- Zschau** (E.). Ueber einen Monazit aus Norwegen. (Tract.) 8vo. *Dresden*, 1857.
- Zschokke** (T.). See MEYER (Johann Rudolf and Hieronymus).
- Zuccarini** (Joseph Gerhard). Obituary Notice. See MARTIUS (Carl Friedr. Phil. von).
- . On the Morphology of the Coniferæ. Translated by George Busk. [Ray Society.] 8vo. *London*, 1846.
- Zuchold** (Ernst A.). Bibliotheca Historico-Naturalis, Physico-Chemica, et Mathematica, oder systematisch geordnete Uebersicht der in Deutschland und dem Auslande auf dem Gebiete der gesammten Naturwissenschaften und der Mathematik neu erschienenen Bücher. (Tract.) 8vo. *Göttingen*, 1862.
- Zversmann** (Z.). ECTECTBEHHAR—Birds of Preuburg. 8vo. *Kasan*, 1866.
- Zwingli** (Heinrich). Die Foraminiferen des Schweizer-Jura. Dargestellt und herausgegeben von Dr. I. Kübler. 4to. *Winterthur*, 1870.
-

INDEX

TO THE

SERIALS, ACADEMICAL PUBLICATIONS, &c.

Those of which the place of publication forms a necessary part
of the title are not included.

Acad. Cæsar.-Leopold. Nat. Cur. *Dresden*.
Acad. des Sciences. *Paris*.
Acad. Electoralis Palatina. *Mannheim*.
Acad. Roy. Sci. Lett. beaux Arts Belgique. *Brussels*.
Acad. sci. Hungarica. *Pesth*.
Accad. Gioenia Sci. Nat. *Catania*.
Accad. Lincei. *Rome*.
Aëronautical Soc. Gt. Britain. *London*.
Agric. Hortic. Soc. India. *Calcutta*.
Agric. Soc. England. *London*.
Akad. van Wetenschappen. *Amsterdam*.
Allgem. schweiz. Gesells. f. d. ges. Naturw. *Switzerland*.
Allgem. Versamml. Berg- und Hüttenmännern. *Austria*.
Amer. Acad. Arts and Sci. *Boston*.
Amer. Assoc. *United States*.
Amer. Chemist. *New York*.
Amer. Inst. Mining Engineers. *United States*.
Amer. Journ. Conchol. *Philadelphia*.
Amer. Journ. Sci. Arts. *New Haven*.
Amer. Med. Phil. Register. *New York*.
Amer. Mineral. Journ. *New York*.
Amer. Museum Nat. Hist. *New York*.
Amer. Naturalist. *Salem*.
Amer. Phil. Soc. *Philadelphia*.
Amer. Quart. Journ. Agric. Sci. *Albany*.
Anales de Minas. *Madrid*.
Analyst. *London* (Soc. Public Analysts).
Analyst. *Worcester*.
Ann. des Mines. *Paris*.
Ann. du Muséum. *Paris*.
Ann. Mag. Nat. Hist. *London*.
Ann. Nat. Hist. *London*.
Ann. Philosophy. *London*.
Ann. Sci. Géol. *Paris*.
Ann. Sci. Nat. *Paris*.
Ann. Sci. d'Observation etc. *Paris*.
Annuaire du Journ. Mines de Russie. *St. Petersburg*.
Anthropological Review. *London* (Anthr. Soc.).

- Anthropological Soc. *London.*
 Appalachia. *Boston.*
 Archæology, Prehist., Congress of. *International.*
 Archiv f. Miner. Geogn. etc. *Berlin.*
 Archiv f. d. Naturk. Liv-, Ehst- u. Kurlands. *Dorpat.*
 Archives of Dentistry. *London.*
 Archives du Muséum. *Paris.*
 Archives Néerl. Sci. exactes et nat. *Haarlem.*
 Archives Sci. phys. nat. *Geneva.*
 Ashmolean Soc. *Oxford.*
 Asiatic Researches. *Calcutta.*
 Asiatic Soc. Bengal. *Calcutta.*
 Assoc. Amer. Geol. and Naturalists. *United States.*
 Association Française. *Paris.*
 Assurance Mag. *London.*
 Astron. Jahrb. *Stuttgart.*
 Astronomical Soc. *London.*
 Athenæum. *London.*
 Atlantis. *London.*
- Bayer. Akad. Wissensch. *Munich.*
 Beitr. zur Gesch. etc. von Tirol u. Vorarlberg. *Innsbruck.*
 Bergakad. Leoben, Pöbbram, . . . Schemnitz. *Vienna.*
 Berg- und Hüttenmännische Zeit. *Freiberg.*
 Berg- u. Hüttenmänn. Jahrb. *Vienna.*
 Bergmänn. Journ. *Freiberg.*
 Bibliot. Italiana. *Milan.*
 Bolet. exposicion nac. Cordoba. *Buenos Ayres.*
 Botanical Soc. *London.*
 British Association. *London.*
 British India Assoc. *Calcutta.*
 British Pomological Soc. *London.*
 Budapesti Szemle. *Pesth.*
 Bulletin Scientifique (Férussac). *Paris.*
- California Acad. Sci. *San Francisco.*
 Calvados, Soc. Linn. *Caen.*
 Canadian Instit. *Toronto.*
 Canadian Journal. *Toronto.*
 Canadian Naturalist, etc. *Montreal.*
 Canadian News, etc. *London.*
 Cape Monthly Mag. *Cape Town.*
 Cape and Natal News. *London.*
 Carinthia, Natural-History Museum. *Klagenfurt.*
 Chemical News. *London.*
 Chemical Society. *London.*
 Civil Engineer and Architect's Journ. *London.*
 Civil Engineers, Institution. *London.*
 Coll. for Civil Engineers. *London.*
 Coll. Nazareno. *Rome.*
 Coll. Physicians. *London.*

- Coll. Surgeons. *London.*
 Colliery Guardian, etc. *London.*
 Congrès Archéol. de France. *France.*
 Congrès des Délégués soc. sav. *France.*
 Congrès internat. d'Anthrop. etc. *International.*
 Congrès Scient. de France. *France.*
 Congresso degli scienz. Ital. *Italy.*
 Congresso scient. lett. . . . in Napoli. *Italy.*
 Connecticut Acad. Arts & Sci. *New Haven.*
 Cooper Union. *New York.*
 Cooper's Microscopical Journal. *London.*
 Cornell University. *Ithaca, N. Y.*
 Cornwall and Devon. Miners' Assoc. *Truro.*
 Cornwall Polytechnic Soc. *Falmouth.*
 Cornwall Royal Institution. *Truro.*
 Cornwall Roy. Geol. Soc. *Penzance.*
 Côte d'Or, Journ. d'Agric. de la. *Dijon.*
 Cotteswold Nat. Club. *Gloucester.*
 Critic. *London.*
- Danske Videnskabernes Selskab. *Copenhagen.*
 Deutsche geol. Gesellsch. *Berlin.*
 Deutsche Gesells. f. Natur- u. Völkerk. Ostasiens. *Yokohama.*
 Deutschen Naturf. und Aertzte. *Germany.*
 Devon and Cornwall Nat. Hist. Soc. *Plymouth.*
 Devonshire Assoc. *Plymouth.*
 Documents et Nouv. géogr. *Paris.*
 Dorset Nat. Hist. . . . Field Club. *Sherborne.*
 Dudley and Midland Geol. Soc. etc. *Dudley.*
 Durham University. *Newcastle (Univ. Durham).*
- East-India Association. *London.*
 East-Kent Nat. Hist. Soc. *Canterbury.*
 East-Province Monthly Mag. *Grahamstown.*
 Echo du Monde savant. *Paris.*
 Electrical Soc. *London.*
 Elliot Soc. Nat. Hist. *Charleston.*
 Emporium Arts Sci. *Philadelphia.*
 Emulation Jurassienne. *Delémont.*
 Entomological Magazine. *London.*
 Escuela de Minas de España. *Madrid.*
 Essex Inst. *Salem.*
 Ethnological Soc. *London.*
- Férussac's Bulletin. *Paris.*
 Franklin Inst. Pennsylv. *Philadelphia.*
 Frederiks Univ. *Christiania.*
- Geogn.-montan. Verein f. Steiermark. *Gratz.*
 Geographical Soc. *London.*
 Geol. Mag. *London.*

- Geol. Nat. Hist. Repertory. *London.*
 Geol. Polytechnic Soc. West Riding Yorks. *Leeds.*
 Geol. Record. *London.*
 Geol. Soc. Cornwall. *Penzance.*
 Geol. Soc. Pennsylv. *Philadelphia.*
 Geologist (Mackie). *London.*
 Geologist (Moxon). *London.*
 Geologists' Assoc. *London.*
 Gesellsch. d. vaterländ. Mus. Böhmen. *Prague.*
 Gesellsch. deutsch. Naturf. u. Aertzte. *Germany.*
 Gesellsch. f. Erdkunde. *Berlin.*
 Gesellsch. f. d. gesammte Mineral. *St. Petersburg (Russ.-kais-miner. Gesells.).*
 Gesellsch. naturf. Freunde. *Berlin.*
 Giornale e Bibl. ital. *Milan.*
 Giorn. Sci. nat. econom. *Palermo (Ist. Tecnico).*
- Haidinger's Abhandlungen. *Vienna.*
 Hardwicke's Science Gossip. *London.*
 Harvard University. *Boston & Cambridge.*
 Hermès. *Paris.*
 Historic Soc. Lancas. Cheshire. *Liverpool.*
 Hollandsche Maats. Wetenschap. *Haarlem.*
 Horticultural Soc. *London.*
- Institut. *Paris.*
 Inst. Provinces . . . de France. *France.*
 Inst. Brit. Architects. *London.*
 Inst. Civil Engineers. *London.*
 Inst. Hydronomical . . . Engineers. *London.*
 Intellectual Observer. *London.*
 Isis, Naturwiss. Gesellsch. *Dresden.*
 Isle of Wight Inst. *Newport.*
 Istit. lombardo Sci. Lett. *Milan.*
- Jaarb. v. h. Mijnw. Nederl. Oost-Ind. *Amsterdam.*
 Jahrb. der Berg- und Hüttenkunde (Moll). *Salzburg.*
 Jahrb. f. Miner. Geol. u. Petrefaktenk. *Heidelberg.*
 Jahresber. Fortschr. Chem. etc. *Giessen.*
 Journ. d'Agric. de la Côte d'Or. *Dijon.*
 Journ. de Conchyliologie. *Paris.*
 Journ. Elemental Locomotion. *London.*
 Journ. de Géologie (Boué). *Paris.*
 Journ. Indian Archipelago, etc. *Singapore.*
 Journ. des Mines. *Paris.*
 Journ. Nat. Philosophy. *London (Roy. Inst.).*
 Journ. Sci. Lit. Arts. *London.*
 Journ. Travel and Nat. Hist. *London.*
- Kärnten, Naturh. Landesmuseum. *Klagenfurt.*
 Keferstein's Teutschland. *Weimar.*

- Kingston-upon-Hull Lit. Phil. Soc. *Hull*.
 Kongl. Danske Vidensk. Selsk. *Copenhagen*.
 Kongl. Svenska Vetensk.-Akad. *Stockholm*.
 Kurpfälz. phys.-ökonom. Gesells. *Mannheim*.
 Lancashire and Cheshire Historic Society. *Liverpool*.
 Leopoldina. *Dresden*.
 Leopold.-Carolin. deutsche Akad. *Dresden*.
 Linnean Society. *London*.
 Linn. Soc. N. S. Wales. *Sydney*.
 Literarische Berichte aus Ungarn. *Pesth*.
 Literarium. *London*.
 Literary Fund Society. *London*.
 Literary Gazette. *London*.
 Lit. Phil. Soc. Kingston-upon-Hull. *Hull*.
 Longmans' Notes on Books. *London*.
 MacGill University. *Montreal*.
 Mackie's Geol. Nat. Hist. Repertory. *London*.
 Maclurian Lyceum. *Philadelphia*.
 Mag. f. d. gesammte Miner. Geogn., etc. *Leipzig*.
 Mag. Nat. Hist. *London*.
 Mag. for Naturvidenskaberne. *Christiania*.
 Magyar Tudom. Akad. *Pesth*.
 Malacol. Conchol. Mag. *London*.
 Malakozool. Blätter. *Cassel*.
 Malvern Nat. F. Club. *Worcester*.
 Mechanics' Mag. *London*.
 Medical Press and Circular. *London*.
 Medico-Botan. Soc. *London*.
 Mém. d'Agric. etc. *Paris*.
 Mem. cienc. nat. etc. *Lima*.
 Microscopical Journal. *London*.
 Microscopical Soc. *London*.
 Midland Inst. Mining and Mechan. Engin. *Barnsley*.
 Midland Naturalist. *Birmingham*.
 Midland Scient. Assoc. *London*.
 Midland and Dudley Geol. Soc. *Dudley*.
 Mineralogical Soc. *Truro*.
 Mineralog. Belustigungen, etc. *Leipzig*.
 Mineral. petrograph. Mittheil. *Vienna*.
 Miners' Assoc. Cornwall and Devonsh. *Truro*.
 Mining Journ. etc. *London*.
 Mining Review. *London*.
 Mining and Smelting Mag. *London*.
 Minnesota Acad. Nat. Sci. *Minneapolis*.
 Minnesota Hist. Soc. *St. Paul*.
 Mittelrhein. geol. Verein. *Darmstadt*.
 Mittheil. a. d. Osterlande. *Altenburg*.
 Monthly Amer. Journ. Geol. etc. *Philadelphia*.
 Monthly Microscopical Journ. *London*.

- Musée Teyler. *Haarlem*.
 Museum k.-bayer. Staates. *Stuttgart*.
 Mus. Comp. Zool. Harvard Coll. *Boston*.
 Mus. d'Hist. Nat. *Paris*.
 Mus. Roy. d'Hist. Nat. Belgique. *Brussels*.

 Nassau, Verein f. Naturk. *Wiesbaden*.
 National Academy of Sciences. *Washington*.
 National Inst. promotion Sci. *Washington*.
 Nat. Hist. Journ. *York*.
 Nat. Hist. Rev. *London*.
 Nat. Hist. Soc. Northumberland, etc. *Newcastle*.
 Naturaleza. *Mexico*.
 Naturalists' Note Book. *London*.
 Nature. *London*.
 Naturforschender Verein. *Bamberg*.
 Naturforscher. *Halle*.
 Naturhistoriske Forening. *Copenhagen*.
 Naturh. Landesmuseum v. Kärnten. *Klagenfurt*.
 Naturh. Verein f. d. Grossherz. Hessen, etc. *Darmstadt*.
 Naturw. Ver. Maja. *Clausthal*.
 Naturwissensch. Abhandlungen (Haidinger). *Vienna*.
 Naturwiss. Abhandlungen. *Tübingen*.
 Naturw. Verein für Sachsen und Thüringen. *Halle*.
 Natuurkundig Tijdschr. voor Nederl. Ind. *Batavia*.
 Natuurkundige Verhandelingen. *Haarlem*.
 Neues Bergmänn. Journ. *Freiberg*.
 Neues Jahrb. f. Miner. Geol. u. Petrefaktenk. *Heidelberg*.
 Newbury district Field Club. *Newbury*.
 New Russian Soc. Nat. Phil. *Odessa*.
 New South Wales, Linnean Soc. *Sydney*.
 New South Wales, Philosophical Soc. *Sydney*.
 New South Wales, Royal Soc. *Sydney*.
 New-York State Cabinet (Mus.) Nat. Hist. *Albany*.
 New-York State Library. *Albany*.
 New York, University. *Albany*.
 New-Zealand Inst. *Wellington, N.Z.*
 Nicholson's Journal. *London* (Journ. Nat. Philos.).
 Nordiske Oldskrift-selskab. *Copenhagen*.
 Norfolk and Norwich Naturalists' Soc. *Norwich*.
 Normandie, Soc. Géol. *Havre*.
 Normandie, Soc. Linn. *Caen*.
 Norske Fredriks Univ. *Christiania*.
 North of England Inst. Min. Mechan. Engineers. *Newcastle*.
 North Staffords. Naturalists' Field Club. *Stafford*.
 Notes on Books (Longmans'). *London*.
 Nova Acta phys.-med. etc. *Dresden*.
 Nova-Scotian Inst. Nat. Sci. *Halifax, N.S.*
 Numismatic Soc. *London*.
 Nuovi Ann. d. Sci. nat. *Bologna*.
 Nyt Mag. for Naturvidenskaberne. *Christiania*.

Oberhessische Gesellschaft. *Giessen.*
 Odontological Soc. Gt. Brit. *London.*
 Orleans County Soc. Nat. Hist. *Newport, Vt.*
 Our Friend. *London.*

Paläontographica. *Cassel.*
 Palæontographical Soc. *London.*
 Paläont. Mitth., Mus. k.-b. Staates. *Stuttgart.*
 Parthenon. *London.*
 Peabody Acad. Sci. *Salem.*
 Philosophical Mag. *London.*
 Phil. Soc. N.S. Wales. *Sydney.*
 Phil. Soc. Tasmania. *Hobart Town.*
 Phil. Soc. Victoria. *Melbourne.*
 Philosophical Transactions. *London (Roy. Soc.).*
 Photographic Soc. *London.*
 Physical Society. *London.*
 Physiogr. Forening. *Christiania.*
 Phytologist. *London.*
 Pollichia. *London.*
 Pomological Soc. *London.*
 Pop. Mag. Anthropology. *London.*
 Popular Science Review. *London.*
 Preussische Akad. der Wiss. *Berlin.*

Quart. Journ. Sci. *London.*
 Quart. Journ. Sci. etc. *London (Roy. Inst.).*
 Quart. Journ. Microsc. Sci. *London.*
 Quart. Mining Review. *London.*
 Quekett Microsc. Club. *London.*

Ray Soc. *London.*
 Reader. *London.*
 Records of Mining. *London.*
 Rev. Sci. Industry. *Kansas.*
 Revista Minera. *Madrid.*
 Revue bibl. des Sci. nat. *Paris.*
 Revue Sci. France, etc. *Paris.*
 Riunione degli scienz. Ital. *Italy.*
 Roy. Artillery Inst. *Woolwich.*
 Roy. Asiatic Society. *London.*
 Roy. Asiatic Soc., Bombay Branch. *Bombay.*
 Roy. Asiatic Soc., Ceylon Branch. *Colombo.*
 Roy. Asiatic Soc., China Branch. *Hong Kong.*
 Roy. Asiatic Soc., North-China Branch. *Shanghai.*
 Roy. Coll. Physicians. *London.*
 Roy. Coll. Surgeons. *London.*
 Roy. Cornwall Polytechnic Soc. *Falmouth.*
 Royal Institution. *London.*
 Roy. Inst. Cornwall. *Truro.*
 Roy. Irish Acad. *Dublin.*
 Roy. Soc. Literature. *London (Soc. Lit.).*

- Roy. Soc. N. S. Wales. *Sydney*.
 Roy. Soc. North. Antiq. *Copenhagen*.
 Roy. Soc. Tasmania. *Hobart Town*.
 Roy. Soc. Van Diemen's Land. *Hobart Town*.
 Roy. Soc. Victoria. *Melbourne*.
 Russian Geogr. Soc., Siberian Section. *Irkoutsk*.
 Russ. mineral. Gesellsch. *St. Petersburg*.

 Sächsische Berg-Akad. *Freiberg*.
 Schles. Gesellsch. vaterländ. Cultur. *Breslau*.
 School of Mines Mag. *London*.
 Schweiz. Alpenclub. *Berne*.
 Schweiz. paläont. Gesells. *Zürich*.
 Science Gossip Club. *Norwich*.
 Scientific Assoc. Trinidad. *Port-of-Spain*.
 Scientific Memoirs (Taylor). *London*.
 Scientific Society. *London*.
 Senckenberg. naturf. Gesells. *Frankfurt a.-M.*
 Severn-Valley Nat. F. Club. *Wellington*.
 Siberian Section, Imp. Russian Geogr. Soc. *Irkoutsk*.
 Silliman's Journ. *New Haven*.
 Skandin. Naturforskere. *Christiania*.
 Smithsonian Inst. *Washington*.
 Soc. Cientif. Argentina. *Buenos Ayres*.
 Società Geologica. *Milan*.
 Soc. Ital. Scienze Modena. *Verona*.
 Soc. Ital. di Sci. Nat. *Milan*.
 Soc. Mexicana Hist. nat. *Mexico*.
 Soc. d. Natur. Neo-Granadinos. *Bogotá*.
 Soc. Toscana Sci. nat. *Pisa*.
 Soc. Acclim. Agric. Sicilia. *Palermo*.
 Societät f. d. ges. Mineralogie. *Jena*.
 Société d'Agric. dép. Seine. *Paris*.
 Soc. franç. d'Archéol. *France*.
 Soc. Géographie. *Paris*.
 Soc. Géol. Belgique. *Liège*.
 Soc. Géol. France. *Paris*.
 Soc. Géol. du Nord. *Lille*.
 Soc. Géol. Normandie. *Havre*.
 Soc. Helvét. Sci. Nat. *Switzerland*.
 Soc. d'Hist. Nat. *Paris*.
 Soc. Jurass. d'Emul. *Delémont*.
 Soc. Linn. Calvados. *Caen*.
 Soc. Linn. Normandie. *Caen*.
 Soc. Malacol. Belgique. *Brussels*.
 Soc. Météorol. France. *Paris*.
 Soc. Oural. d'Amat. d. Sci. Nat. *Ekaterinburg*.
 Soc. Paléontologique de Belgique. *Antwerp*.
 Soc. Paléontol. Suisse. *Zürich*.
 Soc. Roy. Antiq. du Nord. *Copenhagen*.
 Soc. Vaudoise Sci. Nat. *Lausanne*.

Soc. Zool. d'Acclimat. *Paris*.
 Society of Antiquaries. *London*.
 Society of Arts. *London*.
 Soc. Biblical Archæol. *London*.
 Soc. Literature. *London*.
 Soc. Medical Officers of Health. *London*.
 Soc. Naturalists New Russia. *Odessa*.
 Soc. Promoting Practical Design. *London*.
 Soc. Public Analysts. *London*.
 Somerset Notes and Queries. *Taunton*.
 Somerset. Archæol. Nat. Hist. Soc. *Taunton*.
 South-Midland Inst. Mining . . . Engineers. *Wolverhampton*.
 South-Wales Inst. Engineers. *Swansea*.
 Sowerby's Malacol. Conchol. Mag. *London*.
 Statist. *London*.
 Statistical Congress. *International*.
 Statistical Society. *London*.
 Steiermark, Geogn.-montan. Verein. *Graz*.
 Student, etc. *London*.
 Surrey Archæological Soc. *London*.
 Sussex Roy. Inst. *Brighton*.
 Svenska Vetenskaps-Akad. *Stockholm*.
 Syro-Egyptian Soc. *London*.

Taschenbuch f. Freunde d. Gebirgsk. *Göttingen*.
 Taschenbuch f. d. gesammte Miner. etc. *Frankfort*.
 Tasmania, Phil. Soc. *Hobart Town*.
 Tasmania, Roy. Soc. *Hobart Town*.
 Tasmanian Journ. Nat. Sci. etc. *Hobart Town*.
 Teign Naturalists' Field Club. *Teignmouth*.
 Teutschland (Keferstein). *Weimar*.
 Teyler's Tweede Genootschap. *Haarlem*.
 Tirol, Beiträge zur Gesch. etc. von. *Innsbruck*.
 Trinidad Scientific Assoc. *Port-of-Spain*.
 Trinity Coll. *Dublin*.
 Trinity Coll. *London*.
 Tyneside Naturalists' Field Club. *Newcastle*.

Ungarische Revue. *Vienna*.
 University College. *London*.
 University, New York. *Albany*.

Van Diemen's Land, Roy. Soc. *Hobart Town*.
 Verein f. Erdkunde, etc. *Darmstadt*.
 Verein f. Naturk. Nassau. *Wiesbaden*.
 Verein f. vaterl. Naturk. Württemberg. *Stuttgart*.
 Versamml. deutsch. Naturforsch. u. Aertzte. *Germany*.
 Victoria Institute. *London*.
 Victoria, Phil. Soc. *Melbourne*.

Victoria, Roy. Soc. *Melbourne.*

Warwickshire Naturalists' . . . F. Club. *Warwick.*

Warwickshire Nat. Hist. . . . Soc. *Warwick.*

Wernerian Nat. Hist. Soc. *Edinburgh.*

West Lond. Scient. Assoc. *London.*

Western Rev. Sci. Industry. *Kansas.*

Wetterau. Gesellschaft. *Hanau.*

Wisconsin State Hist. Soc. *Madison.*

Wisconsin Teachers' Assoc. *Madison.*

Wisconsin University. *Madison.*

Woolhope Nat. Field Club. *Hereford.*

Württemberg. Verein für vaterl. Naturk. *Stuttgart.*

Yorkshire Coll. Sci. *Leeds.*

Yorkshire Geol. and Polyt. Soc. *Leeds.*

Yorkshire Phil. Soc. *York.*

Zeitschr. f. allgem. Erdkunde. *Berlin.*

Zeitschr. f. Berg-, Hutten- u. Salinen-Wesen. *Berlin.*

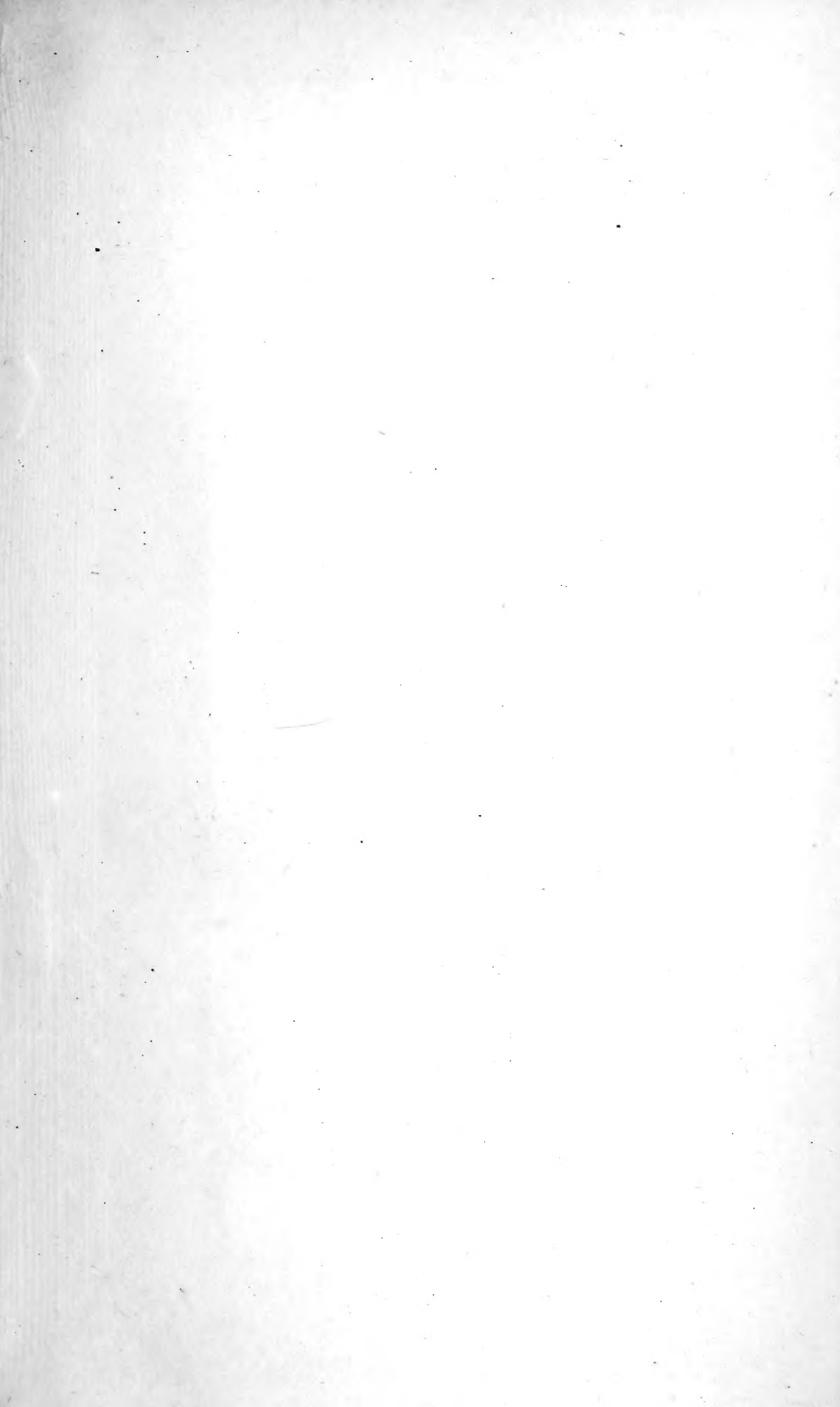
Zeitschr. f. d. gesammten Naturw. *Halle.*

Zeitschr. Krystall. u. Miner. *Leipzig.*

Zoological Miscellany (Gray). *London.*

Zoological Soc. *London.*

Zoologist. *London.*



Book 10 of 10

